

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG No.: BF091824

Instrument ID: BNA_F Calibration Date/Time: 9/18/2024 1:09:47

Lab File ID: BF139416.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	0.817		-13.085	
Pyridine	1.084	1.049		-3.229	
2-Fluorophenol	1.226	1.114		-9.135	
Benzaldehyde	0.930	0.864		-7.097	
Aniline	1.214	1.231		1.4	
Phenol-d6	1.609	1.478		-8.142	
Phenol	1.639	1.536		-6.284	20.0
bis(2-Chloroethyl)ether	1.246	1.134		-8.989	
2-Chlorophenol	1.262	1.180		-6.498	
1,2-Dichlorobenzene	1.370	1.284		-6.277	
1,3-Dichlorobenzene	1.435	1.343		-6.411	
1,4-Dichlorobenzene	1.450	1.357		-6.414	20.0
Benzyl Alcohol	1.284	1.212		-5.607	
2-Methylphenol	1.003	0.948		-5.484	
2,2-oxybis(1-Chloropropane)	1.920	1.942		1.146	
Acetophenone	0.523	0.495		-5.354	
3+4-Methylphenols	1.368	1.268		-7.31	
n-Nitroso-di-n-propylamine	0.954	0.920	0.050	-3.564	
Nitrobenzene-d5	0.425	0.410		-3.529	
Hexachloroethane	0.552	0.527		-4.529	
Nitrobenzene	0.438	0.417		-4.795	
Isophorone	0.673	0.663		-1.486	
2-Nitrophenol	0.171	0.172		0.585	20.0
2,4-Dimethylphenol	0.225	0.221		-1.778	
bis(2-Chloroethoxy)methane	0.383	0.386		0.783	
2,4-Dichlorophenol	0.286	0.274		-4.196	20.0
1,2,4-Trichlorobenzene	0.333	0.318		-4.505	
Benzoic acid	0.211	0.205		-2.844	
Naphthalene	1.044	1.003		-3.927	
4-Chloroaniline	0.319	0.313		-1.881	
Hexachlorobutadiene	0.226	0.217		-3.982	20.0
Caprolactam	0.088	0.082		-6.818	
4-Chloro-3-methylphenol	0.327	0.315		-3.67	20.0
2-Methylnaphthalene	0.663	0.643		-3.017	
Hexachlorocyclopentadiene	0.207	0.205	0.050	-0.966	
2,4,6-Trichlorophenol	0.386	0.356		-7.772	20.0
2-Fluorobiphenyl	1.426	1.313		-7.924	
2,4,5-Trichlorophenol	0.407	0.391		-3.931	
1,1-Biphenyl	1.539	1.440		-6.433	

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Lab File ID: BF139416.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	1.082		-5.913	
2-Nitroaniline	0.428	0.393		-8.178	
Dimethylphthalate	1.313	1.218		-7.235	
Acenaphthylene	1.732	1.603		-7.448	
2,6-Dinitrotoluene	0.291	0.280		-3.78	
3-Nitroaniline	0.291	0.280		-3.78	
Acenaphthene	1.209	1.132		-6.369	20.0
2,4-Dinitrophenol	0.162	0.149	0.050	-8.025	
4-Nitrophenol	0.240	0.213	0.050	-11.25	
Dibenzofuran	1.685	1.538		-8.724	
2,4-Dinitrotoluene	0.393	0.372		-5.344	
Diethylphthalate	1.355	1.280		-5.535	
4-Chlorophenyl-phenylether	0.668	0.621		-7.036	
Fluorene	1.375	1.259		-8.436	
4-Nitroaniline	0.317	0.284		-10.41	
4,6-Dinitro-2-methylphenol	0.106	0.109		2.83	
n-Nitrosodiphenylamine	0.585	0.569		-2.735	20.0
Azobenzene	1.332	1.254		-5.856	
2,4,6-Tribromophenol	0.213	0.190		-10.798	
4-Bromophenyl-phenylether	0.198	0.199		0.505	
Hexachlorobenzene	0.233	0.224		-3.863	
Atrazine	0.139	0.129		-7.194	
Pentachlorophenol	0.140	0.136		-2.857	20.0
Phenanthrene	0.965	0.920		-4.663	
Anthracene	0.943	0.901		-4.454	
Carbazole	0.903	0.847		-6.202	
Di-n-butylphthalate	1.006	1.044		3.777	
Fluoranthene	1.030	0.957		-7.087	20.0
Benzidine	0.287	0.337		17.422	
Pyrene	1.717	1.823		6.174	
Terphenyl-d14	1.218	1.290		5.911	
Butylbenzylphthalate	0.585	0.647		10.598	
3,3-Dichlorobenzidine	0.388	0.369		-4.897	
Benzo(a)anthracene	1.325	1.289		-2.717	
Chrysene	1.219	1.126		-7.629	
Bis(2-ethylhexyl)phthalate	0.744	0.823		10.618	
Di-n-octyl phthalate	1.095	1.208		10.32	20.0
Benzo(b)fluoranthene	1.233	1.146		-7.056	
Benzo(k)fluoranthene	1.137	1.116		-1.847	

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Instrument ID: BNA_F Calibration Date/Time: 9/18/2024 1:09:47

Lab File ID: BF139416.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.023	0.987		-3.519	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.185		-0.336	
Dibenzo(a,h)anthracene	0.983	0.979		-0.407	
Benzo(g,h,i)perylene	0.973	0.989		1.644	
1,2,4,5-Tetrachlorobenzene	0.593	0.553		-6.745	
1,4-Dioxane	0.492	0.428		-13.008	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.317		-5.655	
1-Methylnaphthalene	0.651	0.625		-3.994	

All other compounds must meet a minimum RRF of 0.010.

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG No.: BF091824

Instrument ID: BNA_F Calibration Date/Time: 9/18/2024 1:16:20

Lab File ID: BF139428.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	0.808		-14.043	
Pyridine	1.084	1.065		-1.753	
2-Fluorophenol	1.226	1.084		-11.582	
Benzaldehyde	0.930	0.856		-7.957	
Aniline	1.214	1.242		2.306	
Phenol-d6	1.609	1.445		-10.193	
Phenol	1.639	1.485		-9.396	20.0
bis(2-Chloroethyl)ether	1.246	1.099		-11.798	
2-Chlorophenol	1.262	1.149		-8.954	
1,2-Dichlorobenzene	1.370	1.252		-8.613	
1,3-Dichlorobenzene	1.435	1.321		-7.944	
1,4-Dichlorobenzene	1.450	1.331		-8.207	20.0
Benzyl Alcohol	1.284	1.157		-9.891	
2-Methylphenol	1.003	0.918		-8.475	
2,2-oxybis(1-Chloropropane)	1.920	1.928		0.417	
Acetophenone	0.523	0.484		-7.457	
3+4-Methylphenols	1.368	1.225		-10.453	
n-Nitroso-di-n-propylamine	0.954	0.894	0.050	-6.289	
Nitrobenzene-d5	0.425	0.402		-5.412	
Hexachloroethane	0.552	0.507		-8.152	
Nitrobenzene	0.438	0.412		-5.936	
Isophorone	0.673	0.656		-2.526	
2-Nitrophenol	0.171	0.173		1.17	20.0
2,4-Dimethylphenol	0.225	0.217		-3.556	
bis(2-Chloroethoxy)methane	0.383	0.383		0.0	
2,4-Dichlorophenol	0.286	0.274		-4.196	20.0
1,2,4-Trichlorobenzene	0.333	0.317		-4.805	
Benzoic acid	0.211	0.202		-4.265	
Naphthalene	1.044	0.995		-4.693	
4-Chloroaniline	0.319	0.305		-4.389	
Hexachlorobutadiene	0.226	0.215		-4.867	20.0
Caprolactam	0.088	0.082		-6.818	
4-Chloro-3-methylphenol	0.327	0.305		-6.728	20.0
2-Methylnaphthalene	0.663	0.627		-5.43	
Hexachlorocyclopentadiene	0.207	0.208	0.050	0.483	
2,4,6-Trichlorophenol	0.386	0.368		-4.663	20.0
2-Fluorobiphenyl	1.426	1.358		-4.769	
2,4,5-Trichlorophenol	0.407	0.400		-1.72	
1,1-Biphenyl	1.539	1.481		-3.769	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.150	1.108		-3.652	
2-Nitroaniline	0.428	0.397		-7.243	
Dimethylphthalate	1.313	1.238		-5.712	
Acenaphthylene	1.732	1.658		-4.273	
2,6-Dinitrotoluene	0.291	0.281		-3.436	
3-Nitroaniline	0.291	0.281		-3.436	
Acenaphthene	1.209	1.141		-5.624	20.0
2,4-Dinitrophenol	0.162	0.146	0.050	-9.877	
4-Nitrophenol	0.240	0.199	0.050	-17.083	
Dibenzofuran	1.685	1.582		-6.113	
2,4-Dinitrotoluene	0.393	0.375		-4.58	
Diethylphthalate	1.355	1.253		-7.528	
4-Chlorophenyl-phenylether	0.668	0.626		-6.287	
Fluorene	1.375	1.270		-7.636	
4-Nitroaniline	0.317	0.272		-14.196	
4,6-Dinitro-2-methylphenol	0.106	0.109		2.83	
n-Nitrosodiphenylamine	0.585	0.584		-0.171	20.0
Azobenzene	1.332	1.266		-4.955	
2,4,6-Tribromophenol	0.213	0.189		-11.268	
4-Bromophenyl-phenylether	0.198	0.201		1.515	
Hexachlorobenzene	0.233	0.223		-4.292	
Atrazine	0.139	0.125		-10.072	
Pentachlorophenol	0.140	0.135		-3.571	20.0
Phenanthrene	0.965	0.905		-6.218	
Anthracene	0.943	0.900		-4.56	
Carbazole	0.903	0.823		-8.859	
Di-n-butylphthalate	1.006	0.971		-3.479	
Fluoranthene	1.030	0.887		-13.883	20.0
Benzidine	0.287	0.404		40.767	
Pyrene	1.717	1.792		4.368	
Terphenyl-d14	1.218	1.227		0.739	
Butylbenzylphthalate	0.585	0.590		0.855	
3,3-Dichlorobenzidine	0.388	0.400		3.093	
Benzo(a)anthracene	1.325	1.258		-5.057	
Chrysene	1.219	1.187		-2.625	
Bis(2-ethylhexyl)phthalate	0.744	0.747		0.403	
Di-n-octyl phthalate	1.095	1.185		8.219	20.0
Benzo(b)fluoranthene	1.233	1.171		-5.028	
Benzo(k)fluoranthene	1.137	1.065		-6.332	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.023	0.998		-2.444	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.208		1.598	
Dibenzo(a,h)anthracene	0.983	0.973		-1.017	
Benzo(g,h,i)perylene	0.973	0.970		-0.308	
1,2,4,5-Tetrachlorobenzene	0.593	0.573		-3.373	
1,4-Dioxane	0.492	0.437		-11.179	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.313		-6.845	
1-Methylnaphthalene	0.651	0.618		-5.069	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BL	SDG No.:	BF091824
Lab Sample ID:	PB163403BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139417.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

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

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BL	SDG No.:	BF091824
Lab Sample ID:	PB163403BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139417.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

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

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BL	SDG No.:	BF091824
Lab Sample ID:	PB163403BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139417.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.913		18-112		73	SPK: -150
13127-88-3	Phenol-d6	107.363		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	73.657		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	70.778		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BL	SDG No.:	BF091824
Lab Sample ID:	PB163403BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139417.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.399		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	77.523		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78626	6.875				
1146-65-2	Naphthalene-d8	300029	8.157				
15067-26-2	Acenaphthene-d10	177056	9.91				
1517-22-2	Phenanthrene-d10	339019	11.398				
1719-03-5	Chrysene-d12	222360	14.033				
1520-96-3	Perylene-d12	164675	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	78.3	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.122	

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BS	SDG No.:	BF091824
Lab Sample ID:	PB163403BS	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
BF139418.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.8	270	330	ug/Kg
110-86-1	Pyridine	1400		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	490		180	270	330	ug/Kg
62-53-3	Aniline	1800		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1200		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BS	SDG No.:	BF091824
Lab Sample ID:	PB163403BS	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
BF139418.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25300		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BS	SDG No.:	BF091824
Lab Sample ID:	PB163403BS	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
BF139418.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1600		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	2500		160	270	330	ug/Kg
129-00-0	Pyrene	1700		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.24		18-112		87	SPK: -150
13127-88-3	Phenol-d6	133.048		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	90.422		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	89.645		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	9/14/2024 12:00:00 AM
Project:		Date Received:	9/14/2024 12:00:00 AM
Client Sample ID:	PB163403BS	SDG No.:	BF091824
Lab Sample ID:	PB163403BS	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
BF139418.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.814		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	107.554	*	10-105		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73012	6.881				
1146-65-2	Naphthalene-d8	274745	8.163				
15067-26-2	Acenaphthene-d10	154775	9.916				
1517-22-2	Phenanthrene-d10	284115	11.398				
1719-03-5	Chrysene-d12	145851	14.033				
1520-96-3	Perylene-d12	132795	15.504				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BL	SDG No.:	BF091824
Lab Sample ID:	PB163323BL	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
BF139419.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BL	SDG No.:	BF091824
Lab Sample ID:	PB163323BL	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
BF139419.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BL	SDG No.:	BF091824
Lab Sample ID:	PB163323BL	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
BF139419.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

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	108.426		18-112		72	SPK: -150
13127-88-3	Phenol-d6	107.786		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	72.54		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	70.803		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BL	SDG No.:	BF091824
Lab Sample ID:	PB163323BL	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
BF139419.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.097		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	78.686		10-105		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79123	6.875				
1146-65-2	Naphthalene-d8	308020	8.157				
15067-26-2	Acenaphthene-d10	177714	9.91				
1517-22-2	Phenanthrene-d10	338745	11.398				
1719-03-5	Chrysene-d12	220600	14.033				
1520-96-3	Perylene-d12	164755	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	79	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.122	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BS	SDG No.:	BF091824
Lab Sample ID:	PB163323BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139420.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	420		180	270	330	ug/Kg
62-53-3	Aniline	1600		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1300		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	750		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BS	SDG No.:	BF091824
Lab Sample ID:	PB163323BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139420.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	920		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	24500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1300		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BS	SDG No.:	BF091824
Lab Sample ID:	PB163323BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139420.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	2300		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.754		18-112		83	SPK: -150
13127-88-3	Phenol-d6	122.205		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	82.761		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	83.731		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163323BS	SDG No.:	BF091824
Lab Sample ID:	PB163323BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139420.D	1	9/12/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.378		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	98.409		10-105		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75057	6.881				
1146-65-2	Naphthalene-d8	287593	8.163				
15067-26-2	Acenaphthene-d10	158512	9.916				
1517-22-2	Phenanthrene-d10	293215	11.398				
1719-03-5	Chrysene-d12	152013	14.039				
1520-96-3	Perylene-d12	140463	15.504				



Client:				Date Collected:	9/13/2024 12:00:00 AM	
Project:				Date Received:	9/13/2024 12:00:00 AM	
Client Sample ID:	PB163372BL			SDG No.:	BF091824	
Lab Sample ID:	PB163372BL			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
BF139421.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	PB163372BL	SDG No.:	BF091824
Lab Sample ID:	PB163372BL	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
BF139421.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	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



Client:				Date Collected:	9/13/2024 12:00:00 AM	
Project:				Date Received:	9/13/2024 12:00:00 AM	
Client Sample ID:	PB163372BL			SDG No.:	BF091824	
Lab Sample ID:	PB163372BL			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
BF139421.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

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	138.254		18-112		92	SPK: -150
13127-88-3	Phenol-d6	137.987		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	93.547		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.509		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	PB163372BL	SDG No.:	BF091824
Lab Sample ID:	PB163372BL	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
BF139421.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.453		10-116		88	SPK: -150
1718-51-0	Terphenyl-d14	99.737		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74733	6.875				
1146-65-2	Naphthalene-d8	282623	8.157				
15067-26-2	Acenaphthene-d10	163549	9.91				
1517-22-2	Phenanthrene-d10	313440	11.398				
1719-03-5	Chrysene-d12	197886	14.033				
1520-96-3	Perylene-d12	144410	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	82	J			2.281	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A			5.128	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	PB163372BS	SDG No.:	BF091824
Lab Sample ID:	PB163372BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139422.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	480		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	PB163372BS	SDG No.:	BF091824
Lab Sample ID:	PB163372BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139422.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2200		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	PB163372BS	SDG No.:	BF091824
Lab Sample ID:	PB163372BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139422.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	2500		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.896		18-112		85	SPK: -150
13127-88-3	Phenol-d6	129.81		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	89.831		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	91.197		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	PB163372BS	SDG No.:	BF091824
Lab Sample ID:	PB163372BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139422.D	1	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.004		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	106.044	*	10-105		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75483	6.881				
1146-65-2	Naphthalene-d8	282399	8.163				
15067-26-2	Acenaphthene-d10	155789	9.916				
1517-22-2	Phenanthrene-d10	284295	11.398				
1719-03-5	Chrysene-d12	147073	14.039				
1520-96-3	Perylene-d12	135838	15.504				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF139423.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.4	U	97.4	300	370	ug/Kg
110-86-1	Pyridine	89.7	U	89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.1	U	93.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94	U	94	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.7	U	93.7	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95	U	95	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.5	U	96.5	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.1	U	97.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.2	U	93.2	300	370	ug/Kg
95-48-7	2-Methylphenol	90.5	U	90.5	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.5	U	97.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.6	U	89.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.2	U	45.2	89.8	89.8	ug/Kg
67-72-1	Hexachloroethane	93.2	U	93.2	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95	U	95	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.3	U	96.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.7	U	84.7	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.9	U	95.9	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.7	U	92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.7	U	92.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.5	U	93.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF139423.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.4	U	97.4	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87	U	87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.6	U	92.6	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.1	U	80.1	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.1	U	83.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.1	U	98.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.5	U	93.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.7	U	91.7	150	190	ug/Kg
208-96-8	Acenaphthylene	97.1	U	97.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.4	U	93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91	U	91	150	190	ug/Kg
Total PAH	Total PAH	1807.7	U	1482.9	150	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	94.7	U	94.7	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.2	U	190.2	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.8	U	96.8	150	190	ug/Kg
84-66-2	Diethylphthalate	89.9	U	89.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.1	U	96.1	150	190	ug/Kg
86-73-7	Fluorene	96	U	96	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.6	U	91.6	150	190	ug/Kg
103-33-3	Azobenzene	89.3	U	89.3	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.6	U	88.6	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.4	U	95.4	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF139423.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.8	U	86.8	300	370	ug/Kg
85-01-8	Phenanthrene	350		94.3	150	190	ug/Kg
120-12-7	Anthracene	97.7	J	94.7	150	190	ug/Kg
86-74-8	Carbazole	90.1	U	90.1	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.6	U	94.6	150	190	ug/Kg
206-44-0	Fluoranthene	340		91.7	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	310		93.2	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	210		90.6	150	190	ug/Kg
218-01-9	Chrysene	150	J	89.2	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		91	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.7	U	92.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.7	U	87.7	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.1	U	91.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.9	U	89.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.4	U	97.4	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.8	U	83.8	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.4	U	93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.09		18-112		55	SPK: -150
13127-88-3	Phenol-d6	84.963		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	59.268		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	59.089		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF139423.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.779		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	70.729		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71549	6.875				
1146-65-2	Naphthalene-d8	263265	8.157				
15067-26-2	Acenaphthene-d10	147679	9.91				
1517-22-2	Phenanthrene-d10	256180	11.398				
1719-03-5	Chrysene-d12	117210	14.027				
1520-96-3	Perylene-d12	132485	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.098	
000119-61-9	Benzophenone	130	J			10.621	
000057-10-3	n-Hexadecanoic acid	260	J			11.916	
000593-49-7	Heptacosane	230	J			13.051	
1000309-18-4	Sulfurous acid, butyl heptadecyl e	320	J			13.898	
000629-78-7	Heptadecane	280	J			14.527	
000629-99-2	Pentacosane	230	J			15.127	
000192-97-2	Benzo[e]pyrene	87.9	J			15.374	
000112-95-8	Eicosane	180	J			15.804	
	unknown16.162	120	J			16.162	
000629-94-7	Heneicosane	130	J			16.586	
000638-68-6	triacontane	84.2	J			17.48	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-3-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-05	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
BF139424.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

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	95.9	U	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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-3-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139424.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

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	95.7	U	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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-3-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139424.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

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	140	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	200		94.8	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	190	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	140	J	93.6	150	200	ug/Kg
218-01-9	Chrysene	98.6	J	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	130	J	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	J	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	96.6	U	96.6	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.24		18-112		63	SPK: -150
13127-88-3	Phenol-d6	95.534		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	66.067		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	65.145		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SW-3-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139424.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.268		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	70.074		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69988	6.875				
1146-65-2	Naphthalene-d8	263075	8.157				
15067-26-2	Acenaphthene-d10	147573	9.91				
1517-22-2	Phenanthrene-d10	249192	11.398				
1719-03-5	Chrysene-d12	116239	14.027				
1520-96-3	Perylene-d12	133787	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.205	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.104	
000119-61-9	Benzophenone	140	J			10.622	
000057-10-3	n-Hexadecanoic acid	200	J			11.916	
074339-54-1	Trichloroacetic acid, hexadecyl es	170	J			13.874	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	P-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139425.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.6	U	99.6	310	380	ug/Kg
110-86-1	Pyridine	91.7	U	91.7	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	95.1	U	95.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96	U	96	150	200	ug/Kg
95-57-8	2-Chlorophenol	95.8	U	95.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.1	U	97.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.7	U	98.7	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.2	U	99.2	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.2	U	95.2	310	380	ug/Kg
95-48-7	2-Methylphenol	92.5	U	92.5	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	200	ug/Kg
98-86-2	Acetophenone	99.7	U	99.7	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	91.6	U	91.6	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.2	U	46.2	91.8	91.8	ug/Kg
67-72-1	Hexachloroethane	95.2	U	95.2	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.1	U	97.1	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	98.4	U	98.4	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	86.6	U	86.6	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98	U	98	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	94.8	U	94.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	94.8	U	94.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	95.6	U	95.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	P-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139425.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.6	U	99.6	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.9	U	88.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	94.7	U	94.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.9	U	81.9	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.9	U	84.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	95.6	U	95.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	93.7	U	93.7	150	200	ug/Kg
208-96-8	Acenaphthylene	99.2	U	99.2	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.5	U	95.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	93	U	93	150	200	ug/Kg
Total PAH	Total PAH	1523.5	U	1523.5	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	96.8	U	96.8	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	194.4	U	194.4	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.9	U	98.9	150	200	ug/Kg
84-66-2	Diethylphthalate	91.9	U	91.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.2	U	98.2	150	200	ug/Kg
86-73-7	Fluorene	98.1	U	98.1	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.6	U	93.6	150	200	ug/Kg
103-33-3	Azobenzene	91.3	U	91.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.5	U	90.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	97.5	U	97.5	150	200	ug/Kg
1912-24-9	Atrazine	100	U	100	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	P-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139425.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.7	U	88.7	310	380	ug/Kg
85-01-8	Phenanthrene	96.4	U	96.4	150	200	ug/Kg
120-12-7	Anthracene	96.8	U	96.8	150	200	ug/Kg
86-74-8	Carbazole	92.1	U	92.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	96.7	U	96.7	150	200	ug/Kg
206-44-0	Fluoranthene	93.7	U	93.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	95.2	U	95.2	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	92.6	U	92.6	150	200	ug/Kg
218-01-9	Chrysene	91.2	U	91.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93	U	93	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.8	U	94.8	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	89.6	U	89.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.2	U	93.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91.9	U	91.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.6	U	99.6	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	85.7	U	85.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	95.5	U	95.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.411		18-112		56	SPK: -150
13127-88-3	Phenol-d6	84.937		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.173		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	57.559		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	P-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139425.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.19		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	63.918		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71434	6.875				
1146-65-2	Naphthalene-d8	266526	8.157				
15067-26-2	Acenaphthene-d10	150576	9.91				
1517-22-2	Phenanthrene-d10	255604	11.392				
1719-03-5	Chrysene-d12	114291	14.027				
1520-96-3	Perylene-d12	136932	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.098	
000119-61-9	Benzophenone	120	J			10.622	
000057-10-3	n-Hexadecanoic acid	120	J			11.916	
001599-67-3	1-Docosene	150	J			13.874	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139426.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.5	U	97.5	300	370	ug/Kg
110-86-1	Pyridine	89.7	U	89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.1	U	93.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94	U	94	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.8	U	93.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95	U	95	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.1	U	97.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.2	U	93.2	300	370	ug/Kg
95-48-7	2-Methylphenol	90.5	U	90.5	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.6	U	97.6	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.6	U	89.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.3	U	45.3	89.8	89.8	ug/Kg
67-72-1	Hexachloroethane	93.2	U	93.2	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95	U	95	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.3	U	96.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.8	U	84.8	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.9	U	95.9	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.7	U	92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.7	U	92.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.5	U	93.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139426.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.5	U	97.5	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87	U	87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.6	U	92.6	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.2	U	80.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.1	U	83.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.1	U	98.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.5	U	93.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.7	U	91.7	150	190	ug/Kg
208-96-8	Acenaphthylene	97.1	U	97.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.4	U	93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.1	U	91.1	150	190	ug/Kg
Total PAH	Total PAH	1483.4	U	1483.4	150	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	94.8	U	94.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	190.2	U	190.2	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.8	U	96.8	150	190	ug/Kg
84-66-2	Diethylphthalate	89.9	U	89.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.1	U	96.1	150	190	ug/Kg
86-73-7	Fluorene	96	U	96	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.6	U	91.6	150	190	ug/Kg
103-33-3	Azobenzene	89.4	U	89.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.6	U	88.6	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.4	U	95.4	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg



Client:				Date Collected:	9/13/2024 12:00:00 AM	
Project:				Date Received:	9/13/2024 12:00:00 AM	
Client Sample ID:	B-1-TANK17			SDG No.:	BF091824	
Lab Sample ID:	P4015-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	11	
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139426.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.8	U	86.8	300	370	ug/Kg
85-01-8	Phenanthrene	180	J	94.3	150	190	ug/Kg
120-12-7	Anthracene	94.8	U	94.8	150	190	ug/Kg
86-74-8	Carbazole	90.2	U	90.2	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.7	U	94.7	150	190	ug/Kg
206-44-0	Fluoranthene	230		91.7	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	220		93.2	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	90.6	150	190	ug/Kg
218-01-9	Chrysene	120	J	89.3	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	91.1	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.7	U	92.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.7	U	87.7	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.2	U	91.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.9	U	89.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.5	U	97.5	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.9	U	83.9	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.4	U	93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.286		18-112		64	SPK: -150
13127-88-3	Phenol-d6	97.347		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	66.527		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	65.752		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139426.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.079		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	64.462		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72138	6.875				
1146-65-2	Naphthalene-d8	274413	8.157				
15067-26-2	Acenaphthene-d10	149302	9.91				
1517-22-2	Phenanthrene-d10	247633	11.392				
1719-03-5	Chrysene-d12	117181	14.027				
1520-96-3	Perylene-d12	135289	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.104	
000119-61-9	Benzophenone	170	J			10.622	
000057-10-3	n-Hexadecanoic acid	150	J			11.916	
001599-67-3	1-Docosene	100	J			13.874	

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BL	SDG No.:	BF091824
Lab Sample ID:	PB163486BL	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
BF139429.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BL	SDG No.:	BF091824
Lab Sample ID:	PB163486BL	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
BF139429.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

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:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BL	SDG No.:	BF091824
Lab Sample ID:	PB163486BL	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
BF139429.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

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	131.909		18-112		88	SPK: -150
13127-88-3	Phenol-d6	131.939		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	91.826		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	91.599		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	PB163486BL	SDG No.:	BF091824
Lab Sample ID:	PB163486BL	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
BF139429.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.29		10-116		86	SPK: -150
1718-51-0	Terphenyl-d14	102.853		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73285	6.875				
1146-65-2	Naphthalene-d8	273770	8.157				
15067-26-2	Acenaphthene-d10	157058	9.91				
1517-22-2	Phenanthrene-d10	304278	11.392				
1719-03-5	Chrysene-d12	175418	14.027				
1520-96-3	Perylene-d12	138455	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.269	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A			5.122	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-S-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-03	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
BF139430.D	1	9/18/2024 12:00:00 AM	9/18/2024 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:	WC-S-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-03	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
BF139430.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

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

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-S-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-03	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
BF139430.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100		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	240		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.271		10-139		95	SPK: -150
13127-88-3	Phenol-d6	132.58		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	107.959		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	105.383		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-S-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139430.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.229		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	138.268	*	48-125		138	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59533	6.881				
1146-65-2	Naphthalene-d8	221899	8.157				
15067-26-2	Acenaphthene-d10	123741	9.91				
1517-22-2	Phenanthrene-d10	229252	11.392				
1719-03-5	Chrysene-d12	101047	14.027				
1520-96-3	Perylene-d12	121156	15.498				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-02	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
BF139431.D	1	9/18/2024 12:00:00 AM	9/18/2024 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:	WC-A-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-02	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
BF139431.D	1	9/18/2024 12:00:00 AM	9/18/2024 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:	WC-A-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-02	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
BF139431.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	180		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	133.639		10-139		89	SPK: -150
13127-88-3	Phenol-d6	123.488		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	101.993		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	97.379		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	WC-A-08-202409	SDG No.:	BF091824
Lab Sample ID:	P4030-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139431.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	149.964		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	134.11	*	48-125		134	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60436	6.875				
1146-65-2	Naphthalene-d8	226595	8.157				
15067-26-2	Acenaphthene-d10	127416	9.91				
1517-22-2	Phenanthrene-d10	232750	11.392				
1719-03-5	Chrysene-d12	105843	14.027				
1520-96-3	Perylene-d12	127244	15.498				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF091824
Lab Sample ID:	P4085-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139432.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF091824
Lab Sample ID:	P4085-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139432.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

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

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF091824
Lab Sample ID:	P4085-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139432.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.5	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	135.501		10-139		90	SPK: -150
13127-88-3	Phenol-d6	123.936		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	101.89		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.641		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BF091824
Lab Sample ID:	P4085-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139432.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163495

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.846		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	133.253	*	48-125		133	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57956	6.881				
1146-65-2	Naphthalene-d8	214558	8.157				
15067-26-2	Acenaphthene-d10	119612	9.91				
1517-22-2	Phenanthrene-d10	223917	11.392				
1719-03-5	Chrysene-d12	102605	14.027				
1520-96-3	Perylene-d12	124328	15.498				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPDL	SDG No.:	BF091824
Lab Sample ID:	P3984-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BF139433.D	10	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	910	U	910	2800	3500	ug/Kg
110-86-1	Pyridine	840	U	840	1400	1800	ug/Kg
100-52-7	Benzaldehyde	1900	U	1900	2800	3500	ug/Kg
62-53-3	Aniline	1000	U	1000	1400	1800	ug/Kg
108-95-2	Phenol	870	U	870	1400	1800	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	880	U	880	1400	1800	ug/Kg
95-57-8	2-Chlorophenol	880	U	880	1400	1800	ug/Kg
95-50-1	1,2-Dichlorobenzene	890	U	890	1400	1800	ug/Kg
541-73-1	1,3-Dichlorobenzene	910	U	910	1400	1800	ug/Kg
106-46-7	1,4-Dichlorobenzene	910	U	910	1400	1800	ug/Kg
100-51-6	Benzyl Alcohol	870	U	870	2800	3500	ug/Kg
95-48-7	2-Methylphenol	850	U	850	1400	1800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960	U	960	1400	1800	ug/Kg
98-86-2	Acetophenone	910	U	910	1400	1800	ug/Kg
65794-96-9	3+4-Methylphenols	840	U	840	2800	3500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	420	U	420	840	840	ug/Kg
67-72-1	Hexachloroethane	870	U	870	1400	1800	ug/Kg
98-95-3	Nitrobenzene	960	U	960	1400	1800	ug/Kg
78-59-1	Isophorone	890	U	890	1400	1800	ug/Kg
88-75-5	2-Nitrophenol	990	U	990	1400	1800	ug/Kg
105-67-9	2,4-Dimethylphenol	980	U	980	1400	1800	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	900	U	900	1400	1800	ug/Kg
120-83-2	2,4-Dichlorophenol	790	U	790	1400	1800	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	900	U	900	1400	1800	ug/Kg
65-85-0	Benzoic acid	2500	U	2500	2800	3500	ug/Kg
91-20-3	Naphthalene	870	U	870	1400	1800	ug/Kg
106-47-8	4-Chloroaniline	870	U	870	1400	1800	ug/Kg
87-68-3	Hexachlorobutadiene	880	U	880	1400	1800	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPDL	SDG No.:	BF091824
Lab Sample ID:	P3984-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BF139433.D	10	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	910	U	910	2800	3500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	820	U	820	1400	1800	ug/Kg
91-57-6	2-Methylnaphthalene	870	U	870	1400	1800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600	U	1600	2800	3500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	750	U	750	1400	1800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	780	U	780	1400	1800	ug/Kg
92-52-4	1,1-Biphenyl	920	U	920	1400	1800	ug/Kg
91-58-7	2-Chloronaphthalene	880	U	880	1400	1800	ug/Kg
88-74-4	2-Nitroaniline	1000	U	1000	1400	1800	ug/Kg
131-11-3	Dimethylphthalate	860	U	860	1400	1800	ug/Kg
208-96-8	Acenaphthylene	910	U	910	1400	1800	ug/Kg
606-20-2	2,6-Dinitrotoluene	880	U	880	1400	1800	ug/Kg
99-09-2	3-Nitroaniline	940	U	940	1400	1800	ug/Kg
83-32-9	Acenaphthene	850	U	850	1400	1800	ug/Kg
Total PAH	Total PAH	53500	UD	13930	1400	28800	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	U	2600	2800	3500	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2800	3500	ug/Kg
132-64-9	Dibenzofuran	890	U	890	1400	1800	ug/Kg
121-14-2	2,4-Dinitrotoluene	910	U	910	1400	1800	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	790	U	1790	1400	3600	ug/Kg
84-66-2	Diethylphthalate	840	U	840	1400	1800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900	U	900	1400	1800	ug/Kg
86-73-7	Fluorene	900	U	900	1400	1800	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	1400	1800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2800	3500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	860	U	860	1400	1800	ug/Kg
103-33-3	Azobenzene	840	U	840	1400	1800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	830	U	830	1400	1800	ug/Kg
118-74-1	Hexachlorobenzene	890	U	890	1400	1800	ug/Kg
1912-24-9	Atrazine	960	U	960	1400	1800	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPDL	SDG No.:	BF091824
Lab Sample ID:	P3984-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BF139433.D	10	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	810	U	810	2800	3500	ug/Kg
85-01-8	Phenanthrene	8000	D	880	1400	1800	ug/Kg
120-12-7	Anthracene	1800	D	890	1400	1800	ug/Kg
86-74-8	Carbazole	990	JD	850	1400	1800	ug/Kg
84-74-2	Di-n-butylphthalate	890	U	890	1400	1800	ug/Kg
206-44-0	Fluoranthene	8800	D	860	1400	1800	ug/Kg
92-87-5	Benzidine	1700	U	1700	2800	3500	ug/Kg
129-00-0	Pyrene	7500	D	870	1400	1800	ug/Kg
85-68-7	Butylbenzylphthalate	1000	U	1000	1400	1800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000	U	1000	2800	3500	ug/Kg
56-55-3	Benzo(a)anthracene	5500	D	850	1400	1800	ug/Kg
218-01-9	Chrysene	4500	D	840	1400	1800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	960	U	960	1400	1800	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	2800	3500	ug/Kg
205-99-2	Benzo(b)fluoranthene	5900	D	850	1400	1800	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400	D	870	1400	1800	ug/Kg
50-32-8	Benzo(a)pyrene	5000	D	980	1400	1800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000	D	820	1400	1800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	850	U	850	1400	1800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	D	840	1400	1800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	910	U	910	1400	1800	ug/Kg
123-91-1	1,4-Dioxane	1200	U	1200	1400	1800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	790	U	790	1400	1800	ug/Kg
90-12-0	1-Methylnaphthalene	880	U	880	1800	1800	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.54		18-112		66	SPK: -150
13127-88-3	Phenol-d6	102.08		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	67.84		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	75.91		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPDL	SDG No.:	BF091824
Lab Sample ID:	P3984-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.1
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
BF139433.D	10	9/13/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.28		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	70.33		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66918	6.875				
1146-65-2	Naphthalene-d8	251794	8.157				
15067-26-2	Acenaphthene-d10	133484	9.91				
1517-22-2	Phenanthrene-d10	223401	11.392				
1719-03-5	Chrysene-d12	121358	14.033				
1520-96-3	Perylene-d12	139149	15.498				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139434.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.9	U	96.9	300	370	ug/Kg
110-86-1	Pyridine	89.2	U	89.2	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	92.5	U	92.5	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.4	U	93.4	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.2	U	93.2	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.4	U	94.4	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96	U	96	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.5	U	96.5	150	190	ug/Kg
100-51-6	Benzyl Alcohol	92.6	U	92.6	300	370	ug/Kg
95-48-7	2-Methylphenol	89.9	U	89.9	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97	U	97	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.1	U	89.1	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45	U	45	89.3	89.3	ug/Kg
67-72-1	Hexachloroethane	92.6	U	92.6	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	94.4	U	94.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.7	U	95.7	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.3	U	84.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.3	U	95.3	150	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	92.2	U	92.2	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.2	U	92.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93	U	93	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139434.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.9	U	96.9	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.5	U	86.5	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.1	U	92.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.7	U	79.7	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.6	U	82.6	150	190	ug/Kg
92-52-4	1,1-Biphenyl	97.5	U	97.5	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93	U	93	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.2	U	91.2	150	190	ug/Kg
208-96-8	Acenaphthylene	96.5	U	96.5	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.8	U	92.8	150	190	ug/Kg
99-09-2	3-Nitroaniline	99.5	U	99.5	150	190	ug/Kg
83-32-9	Acenaphthene	90.5	U	90.5	150	190	ug/Kg
Total PAH	Total PAH	1475	U	1475	150	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	94.2	U	94.2	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.2	U	96.2	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89	U	189	150	380	ug/Kg
84-66-2	Diethylphthalate	89.4	U	89.4	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.5	U	95.5	150	190	ug/Kg
86-73-7	Fluorene	95.4	U	95.4	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.1	U	91.1	150	190	ug/Kg
103-33-3	Azobenzene	88.8	U	88.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88	U	88	150	190	ug/Kg
118-74-1	Hexachlorobenzene	94.9	U	94.9	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139434.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.3	U	86.3	300	370	ug/Kg
85-01-8	Phenanthrene	210		93.7	150	190	ug/Kg
120-12-7	Anthracene	94.2	U	94.2	150	190	ug/Kg
86-74-8	Carbazole	89.6	U	89.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.1	U	94.1	150	190	ug/Kg
206-44-0	Fluoranthene	280		91.2	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	230		92.6	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	190		90.1	150	190	ug/Kg
218-01-9	Chrysene	140	J	88.7	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		90.5	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.2	U	92.2	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.2	U	87.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.6	U	90.6	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.4	U	89.4	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.9	U	96.9	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.4	U	83.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.8	U	92.8	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.823		18-112		72	SPK: -150
13127-88-3	Phenol-d6	109.012		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	73.298		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	69.983		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	B-2-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139434.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.833		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	62.062		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62898	6.875				
1146-65-2	Naphthalene-d8	235737	8.157				
15067-26-2	Acenaphthene-d10	128038	9.91				
1517-22-2	Phenanthrene-d10	208556	11.398				
1719-03-5	Chrysene-d12	117824	14.027				
1520-96-3	Perylene-d12	129892	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.104	
000119-61-9	Benzophenone	170	J			10.622	
000057-10-3	n-Hexadecanoic acid	190	J			11.916	
074339-54-1	Trichloroacetic acid, hexadecyl es	84.8	J			13.874	
000192-97-2	Benzo[e]pyrene	97.8	J			15.374	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	CHA-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139435.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	330	400	ug/Kg
110-86-1	Pyridine	96.6	U	96.6	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	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	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.4	U	97.4	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	96.4	U	96.4	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.7	U	48.7	96.7	96.7	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	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.3	U	91.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.8	U	99.8	160	210	ug/Kg
106-47-8	4-Chloroaniline	99.8	U	99.8	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	CHA-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139435.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.7	U	93.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.7	U	99.7	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.3	U	86.3	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.4	U	89.4	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	110	U	110	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.7	U	98.7	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	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	98	U	98	160	210	ug/Kg
Total PAH	Total PAH	1587.2	U	1587.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	96.8	U	96.8	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.6	U	98.6	160	210	ug/Kg
103-33-3	Azobenzene	96.2	U	96.2	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.4	U	95.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	CHA-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139435.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.4	U	93.4	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.1	U	97.1	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	98.7	U	98.7	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	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	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.5	U	97.5	160	210	ug/Kg
218-01-9	Chrysene	96.1	U	96.1	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	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98	U	98	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.8	U	99.8	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.4	U	94.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.1	U	98.1	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.8	U	96.8	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.3	U	90.3	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.985		18-112		62	SPK: -150
13127-88-3	Phenol-d6	92.94		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	61.776		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.224		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	CHA-1-TANK17	SDG No.:	BF091824
Lab Sample ID:	P4015-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139435.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.214		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	52.739		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57617	6.875				
1146-65-2	Naphthalene-d8	219244	8.157				
15067-26-2	Acenaphthene-d10	115847	9.91				
1517-22-2	Phenanthrene-d10	188288	11.392				
1719-03-5	Chrysene-d12	103467	14.027				
1520-96-3	Perylene-d12	114840	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.098	
000119-61-9	Benzophenone	140	J			10.622	
000506-51-4	n-Tetracosanol-1	120	J			13.874	

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:	TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF139436.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	85.9	110	ug/Kg
108-95-2	Phenol	54.8	U	54.8	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.2	U	55.2	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.8	U	56.8	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.1	U	60.1	85.9	110	ug/Kg
98-86-2	Acetophenone	57.4	U	57.4	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	85.9	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.9	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.6	U	61.6	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.4	U	56.4	85.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	54.6	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF139436.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	85.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.8	U	62.8	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	85.9	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	85.9	110	ug/Kg
Total PAH	Total PAH	875.8	U	875.8	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.7	U	76.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112	U	112	85.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	85.9	110	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	85.9	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.3	U	77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	85.9	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF139436.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.1	U	51.1	180	220	ug/Kg
85-01-8	Phenanthrene	55.5	U	55.5	85.9	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	85.9	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	54	U	54	85.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.9	U	54.9	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	64	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.3	U	53.3	85.9	110	ug/Kg
218-01-9	Chrysene	52.5	U	52.5	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.2	U	60.2	85.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.7	U	72.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.6	U	53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.6	U	54.6	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.5	U	61.5	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.6	U	51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.9	U	52.9	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	72.7	U	72.7	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.078		18-112		67	SPK: -150
13127-88-3	Phenol-d6	106.269		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	72.222		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	73.794		20-109		74	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:	TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF139436.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.019		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	61.181		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60610	6.875				
1146-65-2	Naphthalene-d8	222271	8.157				
15067-26-2	Acenaphthene-d10	113002	9.91				
1517-22-2	Phenanthrene-d10	165240	11.392				
1719-03-5	Chrysene-d12	102243	14.027				
1520-96-3	Perylene-d12	110824	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000629-50-5	Tridecane	58.8	J			8.745	
000544-76-3	Hexadecane	130	J			9.31	
003386-33-2	Octadecane, 1-chloro-	81.5	J			9.628	
000629-62-9	Pentadecane	220	J			9.839	
054833-23-7	Eicosane, 10-methyl-	54.6	J			10.163	
004292-19-7	Dodecane, 1-iodo-	300	J			10.339	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	160	J			10.557	
000119-61-9	Benzophenone	130	J			10.622	
000629-78-7	Heptadecane	510	J			10.81	
055045-08-4	Dodecane, 2-methyl-6-propyl-	320	J			11.257	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	130	J			11.286	
000629-94-7	Heneicosane	240	J			11.686	
000629-92-5	Nonadecane	190	J			12.092	
000630-02-4	Octacosane	140	J			12.48	
000593-49-7	Heptacosane	160	J			12.851	
007098-22-8	Tetratetracontane	78.4	J			13.204	
000593-45-3	Octadecane	54	J			13.545	

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:	TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
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
BF139436.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
045235-48-1	1-Decanol, 2-octyl-	120	J			13.874	

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:	CONCRETE-TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	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
BF139437.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.4	U	48.4	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.6	U	49.6	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.6	U	49.6	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	CONCRETE-TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 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
BF139437.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.7	U	48.7	78	100	ug/Kg
Total PAH	Total PAH	795.2	U	795.2	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
84-66-2	Diethylphthalate	48.1	U	48.1	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49	U	49	78	100	ug/Kg
103-33-3	Azobenzene	47.8	U	47.8	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	CONCRETE-TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 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
BF139437.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.492		18-112		44	SPK: -150
13127-88-3	Phenol-d6	86.046		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	66.859		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	73.127		20-109		73	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:	CONCRETE-TP-9	SDG No.:	BF091824
Lab Sample ID:	P4023-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 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
BF139437.D	1	9/17/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	46.419		10-116		31	SPK: -150
1718-51-0	Terphenyl-d14	63.703		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65858	6.875				
1146-65-2	Naphthalene-d8	235066	8.157				
15067-26-2	Acenaphthene-d10	112290	9.91				
1517-22-2	Phenanthrene-d10	168743	11.392				
1719-03-5	Chrysene-d12	119529	14.027				
1520-96-3	Perylene-d12	93334	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.187	
000141-79-7	3-Penten-2-one, 4-methyl-	830	A			4.481	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	680	A			5.093	
000119-61-9	Benzophenone	66.2	J			10.622	
000057-10-3	n-Hexadecanoic acid	50.8	J			11.916	
959085-66-6	Heptadecyl heptafluorobutyrate	130	J			13.874	
	unknown	15.645	J			15.645	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF091824
Lab Sample ID:	P4002-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.2
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
BF139438.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	67.7	U	67.7	210	260	ug/Kg
110-86-1	Pyridine	62.3	U	62.3	100	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	210	260	ug/Kg
62-53-3	Aniline	75.6	U	75.6	100	130	ug/Kg
108-95-2	Phenol	64.7	U	64.7	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	65.3	U	65.3	100	130	ug/Kg
95-57-8	2-Chlorophenol	65.1	U	65.1	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	66	U	66	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	67.1	U	67.1	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	67.5	U	67.5	100	130	ug/Kg
100-51-6	Benzyl Alcohol	64.8	U	64.8	210	260	ug/Kg
95-48-7	2-Methylphenol	62.9	U	62.9	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70.9	U	70.9	100	130	ug/Kg
98-86-2	Acetophenone	67.8	U	67.8	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	62.3	U	62.3	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	31.4	U	31.4	62.4	62.4	ug/Kg
67-72-1	Hexachloroethane	64.8	U	64.8	100	130	ug/Kg
98-95-3	Nitrobenzene	70.8	U	70.8	100	130	ug/Kg
78-59-1	Isophorone	66	U	66	100	130	ug/Kg
88-75-5	2-Nitrophenol	73.7	U	73.7	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	72.7	U	72.7	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	66.9	U	66.9	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	58.9	U	58.9	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	66.6	U	66.6	100	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	210	260	ug/Kg
91-20-3	Naphthalene	64.4	U	64.4	100	130	ug/Kg
106-47-8	4-Chloroaniline	64.4	U	64.4	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF091824
Lab Sample ID:	P4002-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.2
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
BF139438.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	67.7	U	67.7	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60.5	U	60.5	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	64.4	U	64.4	100	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55.7	U	55.7	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.7	U	57.7	100	130	ug/Kg
92-52-4	1,1-Biphenyl	68.2	U	68.2	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	65	U	65	100	130	ug/Kg
88-74-4	2-Nitroaniline	74.1	U	74.1	100	130	ug/Kg
131-11-3	Dimethylphthalate	63.7	U	63.7	100	130	ug/Kg
208-96-8	Acenaphthylene	67.5	U	67.5	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	64.9	U	64.9	100	130	ug/Kg
99-09-2	3-Nitroaniline	69.6	U	69.6	100	130	ug/Kg
83-32-9	Acenaphthene	70.3	J	63.3	100	130	ug/Kg
Total PAH	Total PAH	1782.4	J	1033.7	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	210	260	ug/Kg
100-02-7	4-Nitrophenol	90.5	U	90.5	210	260	ug/Kg
132-64-9	Dibenzofuran	65.8	U	65.8	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	32.1	U	132.1	100	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.2	U	67.2	100	130	ug/Kg
84-66-2	Diethylphthalate	62.5	U	62.5	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66.8	U	66.8	100	130	ug/Kg
86-73-7	Fluorene	66.7	U	66.7	100	130	ug/Kg
100-01-6	4-Nitroaniline	83.5	U	83.5	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91.3	U	91.3	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.7	U	63.7	100	130	ug/Kg
103-33-3	Azobenzene	62.1	U	62.1	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61.6	U	61.6	100	130	ug/Kg
118-74-1	Hexachlorobenzene	66.3	U	66.3	100	130	ug/Kg
1912-24-9	Atrazine	71.3	U	71.3	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF091824
Lab Sample ID:	P4002-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.2
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
BF139438.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	60.3	U	60.3	210	260	ug/Kg
85-01-8	Phenanthrene	250		65.5	100	130	ug/Kg
120-12-7	Anthracene	250		65.8	100	130	ug/Kg
86-74-8	Carbazole	62.6	U	62.6	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	65.8	U	65.8	100	130	ug/Kg
206-44-0	Fluoranthene	410		63.7	100	130	ug/Kg
92-87-5	Benzidine	130	U	130	210	260	ug/Kg
129-00-0	Pyrene	300		64.8	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	75.5	U	75.5	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76.9	U	76.9	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	140		63	100	130	ug/Kg
218-01-9	Chrysene	150		62	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	U	71	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	85.8	U	85.8	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	63.3	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	64.4	U	64.4	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	92.1	J	72.6	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60.9	U	60.9	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.3	U	63.3	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.5	U	62.5	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67.7	U	67.7	100	130	ug/Kg
123-91-1	1,4-Dioxane	85.8	U	85.8	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58.3	U	58.3	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	64.9	U	64.9	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.592		18-112		60	SPK: -150
13127-88-3	Phenol-d6	90.317		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	65.463		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	68.759		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF091824
Lab Sample ID:	P4002-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.2
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
BF139438.D	1	9/14/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.089		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	61.533		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64991	6.875				
1146-65-2	Naphthalene-d8	223054	8.157				
15067-26-2	Acenaphthene-d10	103470	9.91				
1517-22-2	Phenanthrene-d10	162778	11.392				
1719-03-5	Chrysene-d12	106663	14.033				
1520-96-3	Perylene-d12	81450	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.093	
000119-61-9	Benzophenone	100	J			10.622	
1000400-59-5	ethanone, 1-(9H-carbazol-9-yl)-	53.6	J			11.628	
002531-84-2	Phenanthrene, 2-methyl-	280	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			12.01	
002381-21-7	Pyrene, 1-methyl-	56.2	J			13.163	
000238-84-6	11H-Benzo[a]fluorene	72.3	J			13.227	
000112-88-9	1-Octadecene	160	J			13.874	
016980-85-1	Pentacos-1-ene	140	J			14.51	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091824
Lab Sample ID:	P4087-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139439.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	54	U	54	87.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.5	U	65.5	87.8	110	ug/Kg
108-95-2	Phenol	56	U	56	87.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.8	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	87.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.1	U	58.1	87.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.8	110	ug/Kg
100-51-6	Benzyl Alcohol	56.1	U	56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	54.5	U	54.5	87.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.4	U	61.4	87.8	110	ug/Kg
98-86-2	Acetophenone	58.7	U	58.7	87.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	56.1	U	56.1	87.8	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.8	110	ug/Kg
78-59-1	Isophorone	57.2	U	57.2	87.8	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	87.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	58	87.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	87.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.7	U	57.7	87.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.8	U	55.8	87.8	110	ug/Kg
106-47-8	4-Chloroaniline	55.8	U	55.8	87.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.3	U	56.3	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091824
Lab Sample ID:	P4087-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139439.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.4	U	52.4	87.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	87.8	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.3	U	56.3	87.8	110	ug/Kg
88-74-4	2-Nitroaniline	64.2	U	64.2	87.8	110	ug/Kg
131-11-3	Dimethylphthalate	55.2	U	55.2	87.8	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.2	U	56.2	87.8	110	ug/Kg
99-09-2	3-Nitroaniline	60.3	U	60.3	87.8	110	ug/Kg
83-32-9	Acenaphthene	54.8	U	54.8	87.8	110	ug/Kg
Total PAH	Total PAH	895.3	U	895.3	87.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.4	U	78.4	180	220	ug/Kg
132-64-9	Dibenzofuran	57	U	57	87.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.4	U	114.4	87.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.8	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.8	U	57.8	87.8	110	ug/Kg
86-73-7	Fluorene	57.8	U	57.8	87.8	110	ug/Kg
100-01-6	4-Nitroaniline	72.3	U	72.3	87.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.1	U	55.1	87.8	110	ug/Kg
103-33-3	Azobenzene	53.8	U	53.8	87.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.3	U	53.3	87.8	110	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	87.8	110	ug/Kg
1912-24-9	Atrazine	61.8	U	61.8	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091824
Lab Sample ID:	P4087-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139439.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	56.8	U	56.8	87.8	110	ug/Kg
120-12-7	Anthracene	57	U	57	87.8	110	ug/Kg
86-74-8	Carbazole	54.3	U	54.3	87.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	87.8	110	ug/Kg
206-44-0	Fluoranthene	170		55.2	87.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	140		56.1	87.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.4	U	65.4	87.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.6	U	66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	90.4	J	54.5	87.8	110	ug/Kg
218-01-9	Chrysene	94.8	J	53.7	87.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.5	U	61.5	87.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.3	U	74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		54.8	87.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.1	J	55.8	87.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	62.8	87.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.8	U	52.8	87.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.9	U	54.9	87.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67.1	J	54.1	87.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.8	110	ug/Kg
123-91-1	1,4-Dioxane	74.3	U	74.3	87.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.5	U	50.5	87.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.2	U	56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.207		18-112		48	SPK: -150
13127-88-3	Phenol-d6	74.919		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	53.996		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	61.15		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-01	SDG No.:	BF091824
Lab Sample ID:	P4087-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139439.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.938		10-116		43	SPK: -150
1718-51-0	Terphenyl-d14	54.432		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60235	6.881				
1146-65-2	Naphthalene-d8	211033	8.157				
15067-26-2	Acenaphthene-d10	95135	9.91				
1517-22-2	Phenanthrene-d10	153467	11.398				
1719-03-5	Chrysene-d12	103029	14.033				
1520-96-3	Perylene-d12	78617	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	890	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.093	
	unknown10.004	350	J			10.004	
000119-61-9	Benzophenone	54.3	J			10.622	
000057-10-3	n-Hexadecanoic acid	140	J			11.916	
	unknown12.698	150	J			12.698	
959085-66-6	Heptadecyl heptafluorobutyrate	93.9	J			13.874	
000192-97-2	Benzo[e]pyrene	86.9	J			15.374	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091824
Lab Sample ID:	P4087-25	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139440.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64	U	64	200	240	ug/Kg
110-86-1	Pyridine	58.9	U	58.9	95.9	130	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.5	U	71.5	95.9	130	ug/Kg
108-95-2	Phenol	61.2	U	61.2	95.9	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.7	U	61.7	95.9	130	ug/Kg
95-57-8	2-Chlorophenol	61.6	U	61.6	95.9	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.4	U	62.4	95.9	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.4	U	63.4	95.9	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.8	U	63.8	95.9	130	ug/Kg
100-51-6	Benzyl Alcohol	61.2	U	61.2	200	240	ug/Kg
95-48-7	2-Methylphenol	59.5	U	59.5	95.9	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.1	U	67.1	95.9	130	ug/Kg
98-86-2	Acetophenone	64.1	U	64.1	95.9	130	ug/Kg
65794-96-9	3+4-Methylphenols	58.9	U	58.9	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.7	U	29.7	59	59	ug/Kg
67-72-1	Hexachloroethane	61.2	U	61.2	95.9	130	ug/Kg
98-95-3	Nitrobenzene	67	U	67	95.9	130	ug/Kg
78-59-1	Isophorone	62.4	U	62.4	95.9	130	ug/Kg
88-75-5	2-Nitrophenol	69.7	U	69.7	95.9	130	ug/Kg
105-67-9	2,4-Dimethylphenol	68.8	U	68.8	95.9	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63.3	U	63.3	95.9	130	ug/Kg
120-83-2	2,4-Dichlorophenol	55.7	U	55.7	95.9	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63	U	63	95.9	130	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	99.5	J	60.9	95.9	130	ug/Kg
106-47-8	4-Chloroaniline	60.9	U	60.9	95.9	130	ug/Kg
87-68-3	Hexachlorobutadiene	61.5	U	61.5	95.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091824
Lab Sample ID:	P4087-25	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139440.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64	U	64	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.2	U	57.2	95.9	130	ug/Kg
91-57-6	2-Methylnaphthalene	60.9	U	60.9	95.9	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.7	U	52.7	95.9	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.6	U	54.6	95.9	130	ug/Kg
92-52-4	1,1-Biphenyl	64.5	U	64.5	95.9	130	ug/Kg
91-58-7	2-Chloronaphthalene	61.5	U	61.5	95.9	130	ug/Kg
88-74-4	2-Nitroaniline	70.1	U	70.1	95.9	130	ug/Kg
131-11-3	Dimethylphthalate	60.3	U	60.3	95.9	130	ug/Kg
208-96-8	Acenaphthylene	63.8	U	63.8	95.9	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.4	U	61.4	95.9	130	ug/Kg
99-09-2	3-Nitroaniline	65.8	U	65.8	95.9	130	ug/Kg
83-32-9	Acenaphthene	110	J	59.8	95.9	130	ug/Kg
Total PAH	Total PAH	8262.8		977.4	95.9	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85.6	U	85.6	200	240	ug/Kg
132-64-9	Dibenzofuran	92.4	J	62.3	95.9	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25	U	125	95.9	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.6	U	63.6	95.9	130	ug/Kg
84-66-2	Diethylphthalate	59.1	U	59.1	95.9	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.1	U	63.1	95.9	130	ug/Kg
86-73-7	Fluorene	92	J	63.1	95.9	130	ug/Kg
100-01-6	4-Nitroaniline	78.9	U	78.9	95.9	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86.3	U	86.3	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.2	U	60.2	95.9	130	ug/Kg
103-33-3	Azobenzene	58.7	U	58.7	95.9	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.2	U	58.2	95.9	130	ug/Kg
118-74-1	Hexachlorobenzene	62.7	U	62.7	95.9	130	ug/Kg
1912-24-9	Atrazine	67.4	U	67.4	95.9	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091824
Lab Sample ID:	P4087-25	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139440.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57	U	57	200	240	ug/Kg
85-01-8	Phenanthrene	1400		62	95.9	130	ug/Kg
120-12-7	Anthracene	240		62.3	95.9	130	ug/Kg
86-74-8	Carbazole	130		59.2	95.9	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.2	U	62.2	95.9	130	ug/Kg
206-44-0	Fluoranthene	1600		60.3	95.9	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	1200		61.2	95.9	130	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	95.9	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.7	U	72.7	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	630		59.5	95.9	130	ug/Kg
218-01-9	Chrysene	610		58.6	95.9	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.1	U	67.1	95.9	130	ug/Kg
117-84-0	Di-n-octyl phthalate	81.1	U	81.1	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		59.8	95.9	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		60.9	95.9	130	ug/Kg
50-32-8	Benzo(a)pyrene	610		68.6	95.9	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		57.6	95.9	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.3	J	59.9	95.9	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		59.1	95.9	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	95.9	130	ug/Kg
123-91-1	1,4-Dioxane	81.1	U	81.1	95.9	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.1	U	55.1	95.9	130	ug/Kg
90-12-0	1-Methylnaphthalene	61.4	U	61.4	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.42		18-112		57	SPK: -150
13127-88-3	Phenol-d6	87.763		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.232		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	67.499		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091824
Lab Sample ID:	P4087-25	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139440.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.519		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	50.064		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52636	6.881				
1146-65-2	Naphthalene-d8	182368	8.157				
15067-26-2	Acenaphthene-d10	81259	9.91				
1517-22-2	Phenanthrene-d10	126254	11.398				
1719-03-5	Chrysene-d12	91775	14.033				
1520-96-3	Perylene-d12	69926	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.093	
000119-61-9	Benzophenone	110	J			10.622	
000486-25-9	9H-Fluoren-9-one	91.2	J			11.198	
	unknown11.251	74.5	J			11.251	
000234-41-3	Naphtho[1,2-b]thiophene	80.2	J			11.292	
002531-84-2	Phenanthrene, 2-methyl-	150	J			11.898	
000832-69-9	Phenanthrene, 1-methyl-	420	J			11.922	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	330	J			12.01	
000612-94-2	Naphthalene, 2-phenyl-	130	J			12.192	
000084-65-1	9,10-Anthracenedione	95.9	J			12.216	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			12.445	
	unknown12.480	110	J			12.48	
005737-13-3	Cyclopenta(def)phenanthrenone	90.2	J			12.533	
002381-21-7	Pyrene, 1-methyl-	74.3	J			13.051	
033543-31-6	Fluoranthene, 2-methyl-	95.2	J			13.157	
000479-79-8	11H-Benzo[a]fluoren-11-one	79.9	J			13.669	
	unknown13.874	140	J			13.874	
000198-55-0	Perylene	89	J			15.18	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-05	SDG No.:	BF091824
Lab Sample ID:	P4087-25	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139440.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	410	J			15.374	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091824
Lab Sample ID:	P4087-31	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
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
BF139441.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.3	U	64.3	200	240	ug/Kg
110-86-1	Pyridine	59.2	U	59.2	96.4	130	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.8	U	71.8	96.4	130	ug/Kg
108-95-2	Phenol	61.4	U	61.4	96.4	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62	U	62	96.4	130	ug/Kg
95-57-8	2-Chlorophenol	61.9	U	61.9	96.4	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.7	U	62.7	96.4	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.7	U	63.7	96.4	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.1	U	64.1	96.4	130	ug/Kg
100-51-6	Benzyl Alcohol	61.5	U	61.5	200	240	ug/Kg
95-48-7	2-Methylphenol	59.7	U	59.7	96.4	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.4	U	67.4	96.4	130	ug/Kg
98-86-2	Acetophenone	64.4	U	64.4	96.4	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.1	U	59.1	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.9	U	29.9	59.3	59.3	ug/Kg
67-72-1	Hexachloroethane	61.5	U	61.5	96.4	130	ug/Kg
98-95-3	Nitrobenzene	67.3	U	67.3	96.4	130	ug/Kg
78-59-1	Isophorone	62.7	U	62.7	96.4	130	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	96.4	130	ug/Kg
105-67-9	2,4-Dimethylphenol	69.1	U	69.1	96.4	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63.6	U	63.6	96.4	130	ug/Kg
120-83-2	2,4-Dichlorophenol	56	U	56	96.4	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.3	U	63.3	96.4	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	240	ug/Kg
91-20-3	Naphthalene	61.2	U	61.2	96.4	130	ug/Kg
106-47-8	4-Chloroaniline	61.2	U	61.2	96.4	130	ug/Kg
87-68-3	Hexachlorobutadiene	61.7	U	61.7	96.4	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091824
Lab Sample ID:	P4087-31	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
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
BF139441.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.3	U	64.3	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.4	U	57.4	96.4	130	ug/Kg
91-57-6	2-Methylnaphthalene	69.8	J	61.2	96.4	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.9	U	52.9	96.4	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.8	U	54.8	96.4	130	ug/Kg
92-52-4	1,1-Biphenyl	64.8	U	64.8	96.4	130	ug/Kg
91-58-7	2-Chloronaphthalene	61.7	U	61.7	96.4	130	ug/Kg
88-74-4	2-Nitroaniline	70.4	U	70.4	96.4	130	ug/Kg
131-11-3	Dimethylphthalate	60.6	U	60.6	96.4	130	ug/Kg
208-96-8	Acenaphthylene	150		64.1	96.4	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.7	U	61.7	96.4	130	ug/Kg
99-09-2	3-Nitroaniline	66.1	U	66.1	96.4	130	ug/Kg
83-32-9	Acenaphthene	180		60.1	96.4	130	ug/Kg
Total PAH	Total PAH	8420		982.2	96.4	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	200	240	ug/Kg
132-64-9	Dibenzofuran	110	J	62.6	96.4	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.9	U	63.9	96.4	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	125.6	U	125.6	96.4	260	ug/Kg
84-66-2	Diethylphthalate	59.4	U	59.4	96.4	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.4	U	63.4	96.4	130	ug/Kg
86-73-7	Fluorene	150		63.4	96.4	130	ug/Kg
100-01-6	4-Nitroaniline	79.3	U	79.3	96.4	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86.7	U	86.7	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.5	U	60.5	96.4	130	ug/Kg
103-33-3	Azobenzene	59	U	59	96.4	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.5	U	58.5	96.4	130	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	96.4	130	ug/Kg
1912-24-9	Atrazine	67.7	U	67.7	96.4	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091824
Lab Sample ID:	P4087-31	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
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
BF139441.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.3	U	57.3	200	240	ug/Kg
85-01-8	Phenanthrene	690		62.3	96.4	130	ug/Kg
120-12-7	Anthracene	160		62.6	96.4	130	ug/Kg
86-74-8	Carbazole	76.1	J	59.5	96.4	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.5	U	62.5	96.4	130	ug/Kg
206-44-0	Fluoranthene	1400		60.6	96.4	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	1100		61.5	96.4	130	ug/Kg
85-68-7	Butylbenzylphthalate	71.7	U	71.7	96.4	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73.1	U	73.1	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	840		59.8	96.4	130	ug/Kg
218-01-9	Chrysene	710		58.9	96.4	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.5	U	67.5	96.4	130	ug/Kg
117-84-0	Di-n-octyl phthalate	81.5	U	81.5	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		60.1	96.4	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		61.2	96.4	130	ug/Kg
50-32-8	Benzo(a)pyrene	780		68.9	96.4	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		57.9	96.4	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	60.2	96.4	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		59.4	96.4	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.3	U	64.3	96.4	130	ug/Kg
123-91-1	1,4-Dioxane	81.5	U	81.5	96.4	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.4	U	55.4	96.4	130	ug/Kg
90-12-0	1-Methylnaphthalene	74.9	J	61.7	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.57		18-112		56	SPK: -150
13127-88-3	Phenol-d6	85.872		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.942		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	63.342		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091824
Lab Sample ID:	P4087-31	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
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
BF139441.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.538		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	52.157		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63860	6.881				
1146-65-2	Naphthalene-d8	224403	8.157				
15067-26-2	Acenaphthene-d10	99483	9.91				
1517-22-2	Phenanthrene-d10	158292	11.398				
1719-03-5	Chrysene-d12	106928	14.033				
1520-96-3	Perylene-d12	84888	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.093	
000119-61-9	Benzophenone	89.7	J			10.616	
	unknown10.822	71.4	J			10.822	
002531-84-2	Phenanthrene, 2-methyl-	130	J			11.898	
000057-10-3	n-Hexadecanoic acid	390	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	330	J			12.01	
000612-94-2	Naphthalene, 2-phenyl-	89.2	J			12.192	
000483-87-4	Phenanthrene, 1,7-dimethyl-	160	J			12.451	
	unknown12.486	120	J			12.486	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			12.533	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	91.4	J			12.704	
002381-21-7	Pyrene, 1-methyl-	110	J			13.057	
033543-31-6	Fluoranthene, 2-methyl-	130	J			13.163	
003442-78-2	Pyrene, 2-methyl-	90.2	J			13.269	
000479-79-8	11H-Benzo[a]fluoren-11-one	74.6	J			13.669	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	86.7	J			13.78	
000082-05-3	7H-Benz[de]anthracen-7-one	130	J			13.874	
000192-97-2	Benzo[e]pyrene	170	J			15.18	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-06	SDG No.:	BF091824
Lab Sample ID:	P4087-31	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139441.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000205-82-3	Benzo[<i>j</i>]fluoranthene	550	J			15.38	

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:	SOIL			SDG No.:	BF091824		
Lab Sample ID:	P4086-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	11.3		
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
BF139442.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.7	U	58.7	180	220	ug/Kg
110-86-1	Pyridine	54	U	54	87.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.5	U	65.5	87.9	110	ug/Kg
108-95-2	Phenol	56	U	56	87.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.6	U	56.6	87.9	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	87.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.1	U	58.1	87.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.5	U	58.5	87.9	110	ug/Kg
100-51-6	Benzyl Alcohol	56.1	U	56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	54.5	U	54.5	87.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.4	U	61.4	87.9	110	ug/Kg
98-86-2	Acetophenone	58.7	U	58.7	87.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	56.1	U	56.1	87.9	110	ug/Kg
98-95-3	Nitrobenzene	61.4	U	61.4	87.9	110	ug/Kg
78-59-1	Isophorone	57.2	U	57.2	87.9	110	ug/Kg
88-75-5	2-Nitrophenol	63.9	U	63.9	87.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	87.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	58	87.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	87.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.7	U	57.7	87.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.8	U	55.8	87.9	110	ug/Kg
106-47-8	4-Chloroaniline	55.8	U	55.8	87.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.3	U	56.3	87.9	110	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:	SOIL	SDG No.:	BF091824
Lab Sample ID:	P4086-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139442.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.7	U	58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.4	U	52.4	87.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.8	U	55.8	87.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	87.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	87.9	110	ug/Kg
92-52-4	1,1-Biphenyl	59.1	U	59.1	87.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.3	U	56.3	87.9	110	ug/Kg
88-74-4	2-Nitroaniline	64.2	U	64.2	87.9	110	ug/Kg
131-11-3	Dimethylphthalate	55.2	U	55.2	87.9	110	ug/Kg
208-96-8	Acenaphthylene	58.5	U	58.5	87.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.2	U	56.2	87.9	110	ug/Kg
99-09-2	3-Nitroaniline	60.3	U	60.3	87.9	110	ug/Kg
83-32-9	Acenaphthene	54.8	U	54.8	87.9	110	ug/Kg
Total PAH	Total PAH	2550	U	895.5	87.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.4	U	78.4	180	220	ug/Kg
132-64-9	Dibenzofuran	57	U	57	87.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.5	U	114.5	87.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.3	U	58.3	87.9	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.9	U	57.9	87.9	110	ug/Kg
86-73-7	Fluorene	57.8	U	57.8	87.9	110	ug/Kg
100-01-6	4-Nitroaniline	72.3	U	72.3	87.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.1	U	79.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	87.9	110	ug/Kg
103-33-3	Azobenzene	53.8	U	53.8	87.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.3	U	53.3	87.9	110	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	87.9	110	ug/Kg
1912-24-9	Atrazine	61.8	U	61.8	87.9	110	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:	SOIL	SDG No.:	BF091824
Lab Sample ID:	P4086-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139442.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	180		56.8	87.9	110	ug/Kg
120-12-7	Anthracene	57	U	57	87.9	110	ug/Kg
86-74-8	Carbazole	54.3	U	54.3	87.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	87.9	110	ug/Kg
206-44-0	Fluoranthene	400		55.2	87.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	360		56.1	87.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.4	U	65.4	87.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.6	U	66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	290		54.5	87.9	110	ug/Kg
218-01-9	Chrysene	260		53.7	87.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.5	U	61.5	87.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.3	U	74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		54.8	87.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	150		55.8	87.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	300		62.9	87.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120		52.8	87.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.9	U	54.9	87.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150		54.1	87.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.7	U	58.7	87.9	110	ug/Kg
123-91-1	1,4-Dioxane	74.3	U	74.3	87.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.5	U	50.5	87.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.2	U	56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.676		18-112		68	SPK: -150
13127-88-3	Phenol-d6	101.017		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	74.379		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	78.616		20-109		79	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:	SOIL	SDG No.:	BF091824
Lab Sample ID:	P4086-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.3
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
BF139442.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.567		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	67.994		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61101	6.875				
1146-65-2	Naphthalene-d8	215197	8.157				
15067-26-2	Acenaphthene-d10	96090	9.91				
1517-22-2	Phenanthrene-d10	153645	11.398				
1719-03-5	Chrysene-d12	103125	14.033				
1520-96-3	Perylene-d12	77805	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.099	
	unknown10.004	220	J			10.004	
000119-61-9	Benzophenone	140	J			10.622	
000629-50-5	Tridecane	47.1	J			10.816	
000057-10-3	n-Hexadecanoic acid	320	J			11.922	
000832-69-9	Phenanthrene, 1-methyl-	92.8	J			12.004	
003674-66-6	Phenanthrene, 2,5-dimethyl-	47.1	J			12.445	
000057-11-4	Octadecanoic acid	87.2	J			12.704	
000243-17-4	11H-Benzo[b]fluorene	46.4	J			13.163	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			13.874	
000192-97-2	Benzo[e]pyrene	150	J			15.374	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091824
Lab Sample ID:	P4088-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
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
BF139443.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	65.2	U	65.2	200	250	ug/Kg
110-86-1	Pyridine	60	U	60	97.6	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	250	ug/Kg
62-53-3	Aniline	72.8	U	72.8	97.6	130	ug/Kg
108-95-2	Phenol	62.3	U	62.3	97.6	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.9	U	62.9	97.6	130	ug/Kg
95-57-8	2-Chlorophenol	62.7	U	62.7	97.6	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	63.5	U	63.5	97.6	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	64.6	U	64.6	97.6	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	65	U	65	97.6	130	ug/Kg
100-51-6	Benzyl Alcohol	62.3	U	62.3	200	250	ug/Kg
95-48-7	2-Methylphenol	60.5	U	60.5	97.6	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.3	U	68.3	97.6	130	ug/Kg
98-86-2	Acetophenone	65.3	U	65.3	97.6	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.9	U	59.9	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30.3	U	30.3	60.1	60.1	ug/Kg
67-72-1	Hexachloroethane	62.3	U	62.3	97.6	130	ug/Kg
98-95-3	Nitrobenzene	68.2	U	68.2	97.6	130	ug/Kg
78-59-1	Isophorone	63.5	U	63.5	97.6	130	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	97.6	130	ug/Kg
105-67-9	2,4-Dimethylphenol	70	U	70	97.6	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64.4	U	64.4	97.6	130	ug/Kg
120-83-2	2,4-Dichlorophenol	56.7	U	56.7	97.6	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	64.1	U	64.1	97.6	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	250	ug/Kg
91-20-3	Naphthalene	62	U	62	97.6	130	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	97.6	130	ug/Kg
87-68-3	Hexachlorobutadiene	62.6	U	62.6	97.6	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091824
Lab Sample ID:	P4088-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
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
BF139443.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	65.2	U	65.2	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58.2	U	58.2	97.6	130	ug/Kg
91-57-6	2-Methylnaphthalene	62	U	62	97.6	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.6	U	53.6	97.6	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55.6	U	55.6	97.6	130	ug/Kg
92-52-4	1,1-Biphenyl	65.6	U	65.6	97.6	130	ug/Kg
91-58-7	2-Chloronaphthalene	62.6	U	62.6	97.6	130	ug/Kg
88-74-4	2-Nitroaniline	71.3	U	71.3	97.6	130	ug/Kg
131-11-3	Dimethylphthalate	61.4	U	61.4	97.6	130	ug/Kg
208-96-8	Acenaphthylene	65	U	65	97.6	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.5	U	62.5	97.6	130	ug/Kg
99-09-2	3-Nitroaniline	67	U	67	97.6	130	ug/Kg
83-32-9	Acenaphthene	60.9	U	60.9	97.6	130	ug/Kg
Total PAH	Total PAH	2090	U	995.2	97.6	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	87.1	U	87.1	200	250	ug/Kg
132-64-9	Dibenzofuran	63.4	U	63.4	97.6	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.2	U	127.2	97.6	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	64.7	U	64.7	97.6	130	ug/Kg
84-66-2	Diethylphthalate	60.2	U	60.2	97.6	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64.3	U	64.3	97.6	130	ug/Kg
86-73-7	Fluorene	64.2	U	64.2	97.6	130	ug/Kg
100-01-6	4-Nitroaniline	80.4	U	80.4	97.6	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.9	U	87.9	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.3	U	61.3	97.6	130	ug/Kg
103-33-3	Azobenzene	59.8	U	59.8	97.6	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59.3	U	59.3	97.6	130	ug/Kg
118-74-1	Hexachlorobenzene	63.8	U	63.8	97.6	130	ug/Kg
1912-24-9	Atrazine	68.6	U	68.6	97.6	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091824
Lab Sample ID:	P4088-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
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
BF139443.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	58.1	U	58.1	200	250	ug/Kg
85-01-8	Phenanthrene	120	J	63.1	97.6	130	ug/Kg
120-12-7	Anthracene	63.4	U	63.4	97.6	130	ug/Kg
86-74-8	Carbazole	60.3	U	60.3	97.6	130	ug/Kg
84-74-2	Di-n-butylphthalate	63.3	U	63.3	97.6	130	ug/Kg
206-44-0	Fluoranthene	390		61.4	97.6	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	250	ug/Kg
129-00-0	Pyrene	300		62.3	97.6	130	ug/Kg
85-68-7	Butylbenzylphthalate	72.7	U	72.7	97.6	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	230		60.6	97.6	130	ug/Kg
218-01-9	Chrysene	200		59.7	97.6	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	81.3	J	68.3	97.6	130	ug/Kg
117-84-0	Di-n-octyl phthalate	82.6	U	82.6	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		60.9	97.6	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	62	97.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	220		69.8	97.6	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	58.7	97.6	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	97.6	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130		60.2	97.6	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65.2	U	65.2	97.6	130	ug/Kg
123-91-1	1,4-Dioxane	82.6	U	82.6	97.6	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.1	U	56.1	97.6	130	ug/Kg
90-12-0	1-Methylnaphthalene	62.5	U	62.5	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.925		18-112		62	SPK: -150
13127-88-3	Phenol-d6	94.81		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	71.397		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	74.986		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-09	SDG No.:	BF091824
Lab Sample ID:	P4088-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
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
BF139443.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.829		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	60.364		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61195	6.881				
1146-65-2	Naphthalene-d8	209586	8.157				
15067-26-2	Acenaphthene-d10	95074	9.91				
1517-22-2	Phenanthrene-d10	150241	11.392				
1719-03-5	Chrysene-d12	104422	14.033				
1520-96-3	Perylene-d12	80936	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.099	
000119-61-9	Benzophenone	340	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	54.6	J			10.934	
000057-10-3	n-Hexadecanoic acid	160	J			11.916	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	58.3	J			12.01	
1000406-04-8	Pentadecafluorooctanoic acid, octa	95.9	J			13.874	
000198-55-0	Perylene	130	J			15.374	
	unknown16.210	60.6	J			16.21	

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:	OR-03-09162024	SDG No.:	BF091824
Lab Sample ID:	P4014-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF139444.D	5	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	840	1000	ug/Kg
110-86-1	Pyridine	250	U	250	410	530	ug/Kg
100-52-7	Benzaldehyde	570	U	570	840	1000	ug/Kg
62-53-3	Aniline	300	U	300	410	530	ug/Kg
108-95-2	Phenol	260	U	260	410	530	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	410	530	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	410	530	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	410	530	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	530	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	410	530	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	840	1000	ug/Kg
95-48-7	2-Methylphenol	250	U	250	410	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	410	530	ug/Kg
98-86-2	Acetophenone	270	U	270	410	530	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	840	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	530	ug/Kg
98-95-3	Nitrobenzene	280	U	280	410	530	ug/Kg
78-59-1	Isophorone	260	U	260	410	530	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	530	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	410	530	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	530	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	530	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	530	ug/Kg
65-85-0	Benzoic acid	740	U	740	840	1000	ug/Kg
91-20-3	Naphthalene	260	U	260	410	530	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	530	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	410	530	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	OR-03-09162024	SDG No.:	BF091824
Lab Sample ID:	P4014-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF139444.D	5	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	840	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	410	530	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	530	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	840	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	410	530	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	410	530	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	410	530	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	410	530	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	530	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	530	ug/Kg
208-96-8	Acenaphthylene	270	U	270	410	530	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	410	530	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	530	ug/Kg
83-32-9	Acenaphthene	250	U	250	410	530	ug/Kg
Total PAH	Total PAH	4130	U	4130	410	8480	ug/Kg
51-28-5	2,4-Dinitrophenol	760	U	760	840	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	840	1000	ug/Kg
132-64-9	Dibenzofuran	260	U	260	410	530	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	410	530	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	530	U	530	410	1060	ug/Kg
84-66-2	Diethylphthalate	250	U	250	410	530	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	530	ug/Kg
86-73-7	Fluorene	270	U	270	410	530	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	410	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	840	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	250	U	250	410	530	ug/Kg
103-33-3	Azobenzene	250	U	250	410	530	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	530	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	530	ug/Kg
1912-24-9	Atrazine	290	U	290	410	530	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	OR-03-09162024	SDG No.:	BF091824
Lab Sample ID:	P4014-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139444.D	5	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	840	1000	ug/Kg
85-01-8	Phenanthrene	260	U	260	410	530	ug/Kg
120-12-7	Anthracene	260	U	260	410	530	ug/Kg
86-74-8	Carbazole	250	U	250	410	530	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	410	530	ug/Kg
206-44-0	Fluoranthene	330	J	260	410	530	ug/Kg
92-87-5	Benzidine	510	U	510	840	1000	ug/Kg
129-00-0	Pyrene	440	J	260	410	530	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	410	530	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	840	1000	ug/Kg
56-55-3	Benzo(a)anthracene	250	U	250	410	530	ug/Kg
218-01-9	Chrysene	250	U	250	410	530	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	410	530	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	840	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	410	530	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	410	530	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	410	530	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	U	240	410	530	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250	U	250	410	530	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	U	250	410	530	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	410	530	ug/Kg
123-91-1	1,4-Dioxane	340	U	340	410	530	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	410	530	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	530	530	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.29		18-112		66	SPK: -150
13127-88-3	Phenol-d6	94.225		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	71.175		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	79.965		20-109		80	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:	OR-03-09162024	SDG No.:	BF091824
Lab Sample ID:	P4014-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
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
BF139444.D	5	9/17/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.895		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	79.795		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65817	6.881				
1146-65-2	Naphthalene-d8	211617	8.157				
15067-26-2	Acenaphthene-d10	95237	9.91				
1517-22-2	Phenanthrene-d10	166015	11.392				
1719-03-5	Chrysene-d12	108868	14.033				
1520-96-3	Perylene-d12	84283	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.146	
002531-84-2	Phenanthrene, 2-methyl-	300	J			11.922	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	DN-B-34B	SDG No.:	BF091824
Lab Sample ID:	P4009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139445.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.2	U	98.2	310	370	ug/Kg
110-86-1	Pyridine	90.4	U	90.4	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.8	U	93.8	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.7	U	94.7	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.5	U	94.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.8	U	95.8	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.3	U	97.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.9	U	97.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.9	U	93.9	310	370	ug/Kg
95-48-7	2-Methylphenol	91.2	U	91.2	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.4	U	98.4	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.3	U	90.3	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.6	U	45.6	90.6	90.6	ug/Kg
67-72-1	Hexachloroethane	93.9	U	93.9	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.8	U	95.8	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.1	U	97.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.5	U	85.5	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.7	U	96.7	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	370	ug/Kg
91-20-3	Naphthalene	93.5	U	93.5	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.5	U	93.5	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.3	U	94.3	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	DN-B-34B	SDG No.:	BF091824
Lab Sample ID:	P4009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139445.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.2	U	98.2	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.7	U	87.7	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.4	U	93.4	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.8	U	80.8	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.8	U	83.8	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.9	U	98.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.3	U	94.3	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.5	U	92.5	150	190	ug/Kg
208-96-8	Acenaphthylene	97.9	U	97.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.2	U	94.2	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.8	U	91.8	150	190	ug/Kg
Total PAH	Total PAH	1504.6	U	1504.6	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	95.5	U	95.5	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.6	U	97.6	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	91.8	U	191.8	150	380	ug/Kg
84-66-2	Diethylphthalate	90.7	U	90.7	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.9	U	96.9	150	190	ug/Kg
86-73-7	Fluorene	96.8	U	96.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.4	U	92.4	150	190	ug/Kg
103-33-3	Azobenzene	90.1	U	90.1	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.3	U	89.3	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.2	U	96.2	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	DN-B-34B	SDG No.:	BF091824
Lab Sample ID:	P4009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139445.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.5	U	87.5	310	370	ug/Kg
85-01-8	Phenanthrene	170	J	95.1	150	190	ug/Kg
120-12-7	Anthracene	95.5	U	95.5	150	190	ug/Kg
86-74-8	Carbazole	90.9	U	90.9	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.4	U	95.4	150	190	ug/Kg
206-44-0	Fluoranthene	240		92.5	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	310	370	ug/Kg
129-00-0	Pyrene	190		93.9	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	91.3	150	190	ug/Kg
218-01-9	Chrysene	98.1	J	90	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	91.8	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.5	U	93.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88.4	U	88.4	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.9	U	91.9	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.7	U	90.7	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.2	U	98.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.6	U	84.6	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94.2	U	94.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.364		18-112		68	SPK: -150
13127-88-3	Phenol-d6	99.037		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	76.682		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	80.443		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	DN-B-34B	SDG No.:	BF091824
Lab Sample ID:	P4009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139445.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.088		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	75.967		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57944	6.881				
1146-65-2	Naphthalene-d8	188539	8.157				
15067-26-2	Acenaphthene-d10	84308	9.91				
1517-22-2	Phenanthrene-d10	147668	11.398				
1719-03-5	Chrysene-d12	95829	14.033				
1520-96-3	Perylene-d12	77582	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.098	
000119-61-9	Benzophenone	250	J			10.621	
000057-10-3	n-Hexadecanoic acid	410	J			11.922	
000057-11-4	Octadecanoic acid	110	J			12.704	
000301-02-0	9-Octadecenamide, (Z)-	270	J			13.457	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	190	J			13.515	
959261-23-5	Heptafluorobutyric acid, pentadecy	260	J			13.88	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF091824
Lab Sample ID:	P4002-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139446.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.5	U	59.5	190	230	ug/Kg
110-86-1	Pyridine	54.8	U	54.8	89.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	190	230	ug/Kg
62-53-3	Aniline	66.5	U	66.5	89.2	120	ug/Kg
108-95-2	Phenol	56.9	U	56.9	89.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.4	U	57.4	89.2	120	ug/Kg
95-57-8	2-Chlorophenol	57.3	U	57.3	89.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	89.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	89.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.3	U	59.3	89.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.9	U	56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	55.3	U	55.3	89.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.4	U	62.4	89.2	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.9	54.9	ug/Kg
67-72-1	Hexachloroethane	56.9	U	56.9	89.2	120	ug/Kg
98-95-3	Nitrobenzene	62.3	U	62.3	89.2	120	ug/Kg
78-59-1	Isophorone	58	U	58	89.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	89.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.9	U	63.9	89.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.9	U	58.9	89.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.8	U	51.8	89.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.6	U	58.6	89.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	92.3	J	56.7	89.2	120	ug/Kg
106-47-8	4-Chloroaniline	56.7	U	56.7	89.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.1	U	57.1	89.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF091824
Lab Sample ID:	P4002-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139446.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.5	U	59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.2	U	53.2	89.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.6	U	56.6	89.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	89.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.8	U	50.8	89.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	89.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	89.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.2	U	65.2	89.2	120	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	89.2	120	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	89.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.1	U	57.1	89.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.2	U	61.2	89.2	120	ug/Kg
83-32-9	Acenaphthene	69.9	J	55.6	89.2	120	ug/Kg
Total PAH	Total PAH	6910.3		908.8	89.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.6	U	79.6	190	230	ug/Kg
132-64-9	Dibenzofuran	63.2	J	57.9	89.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	89.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.2	U	116.2	89.2	240	ug/Kg
84-66-2	Diethylphthalate	54.9	U	54.9	89.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	89.2	120	ug/Kg
86-73-7	Fluorene	78.3	J	58.6	89.2	120	ug/Kg
100-01-6	4-Nitroaniline	73.4	U	73.4	89.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.3	U	80.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56	U	56	89.2	120	ug/Kg
103-33-3	Azobenzene	54.6	U	54.6	89.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.1	U	54.1	89.2	120	ug/Kg
118-74-1	Hexachlorobenzene	58.3	U	58.3	89.2	120	ug/Kg
1912-24-9	Atrazine	62.7	U	62.7	89.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF091824
Lab Sample ID:	P4002-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139446.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53	U	53	190	230	ug/Kg
85-01-8	Phenanthrene	740		57.6	89.2	120	ug/Kg
120-12-7	Anthracene	190		57.9	89.2	120	ug/Kg
86-74-8	Carbazole	79.4	J	55.1	89.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.8	U	57.8	89.2	120	ug/Kg
206-44-0	Fluoranthene	1200		56	89.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	910		56.9	89.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.4	U	66.4	89.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.6	U	67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	500		55.4	89.2	120	ug/Kg
218-01-9	Chrysene	560		54.5	89.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.4	U	62.4	89.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.5	U	75.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		55.6	89.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		56.7	89.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	630		63.8	89.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330		53.6	89.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.8	J	55.7	89.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		54.9	89.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.5	U	59.5	89.2	120	ug/Kg
123-91-1	1,4-Dioxane	75.5	U	75.5	89.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.2	U	51.2	89.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.1	U	57.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.023		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.686		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	55.929		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	59.927		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF091824
Lab Sample ID:	P4002-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139446.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.411		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	57.393		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65154	6.881				
1146-65-2	Naphthalene-d8	212113	8.157				
15067-26-2	Acenaphthene-d10	94196	9.91				
1517-22-2	Phenanthrene-d10	160811	11.398				
1719-03-5	Chrysene-d12	104428	14.033				
1520-96-3	Perylene-d12	83716	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			5.093	
1000382-54-9	Carbonic acid, undecyl vinyl ester	80.9	J			9.31	
000504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	86	J			9.628	
000544-76-3	Hexadecane	66.8	J			9.839	
019218-94-1	Tetradecane, 1-iodo-	66.5	J			10.339	
000119-61-9	Benzophenone	85.3	J			10.622	
013150-81-7	2,6-Dimethyldecane	190	J			10.822	
001013-08-7	Phenanthrene, 1,2,3,4-tetrahydro-	78.2	J			11.257	
000132-65-0	Dibenzothiophene	80.7	J			11.292	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	360	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			12.01	
000483-87-4	Phenanthrene, 1,7-dimethyl-	87.6	J			12.445	
	unknown12.480	81.2	J			12.48	
005737-13-3	Cyclopenta(def)phenanthrenone	91	J			12.533	
002381-21-7	Pyrene, 1-methyl-	80.3	J			13.057	
000243-17-4	11H-Benzo[b]fluorene	120	J			13.163	
1000130-97-9	E-15-Heptadecenal	100	J			13.874	
000192-97-2	Benzo[e]pyrene	84.8	J			15.18	

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF091824
Lab Sample ID:	P4002-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139446.D	1	9/14/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163403

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	440	J			15.38	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF091824
Lab Sample ID:	P3984-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139447.D	1	9/13/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.9	U	91.9	290	350	ug/Kg
110-86-1	Pyridine	84.6	U	84.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.8	U	87.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.4	U	88.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.9	U	87.9	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	92	U	92	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.7	84.7	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.4	U	90.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	260		87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF091824
Lab Sample ID:	P3984-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139447.D	1	9/13/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.9	U	91.9	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	94	J	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.5	U	86.5	140	180	ug/Kg
208-96-8	Acenaphthylene	160	J	91.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	410		85.9	140	180	ug/Kg
Total PAH	Total PAH	33310		1403.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	250		89.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4	U	179.4	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
84-66-2	Diethylphthalate	84.8	U	84.8	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.6	U	90.6	140	180	ug/Kg
86-73-7	Fluorene	360		90.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	140	180	ug/Kg
103-33-3	Azobenzene	84.3	U	84.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	140	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF091824
Lab Sample ID:	P3984-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139447.D	1	9/13/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	3800	E	89	140	180	ug/Kg
120-12-7	Anthracene	1000		89.4	140	180	ug/Kg
86-74-8	Carbazole	590		85	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	5700	E	86.5	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	4800	E	87.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	2800		85.5	140	180	ug/Kg
218-01-9	Chrysene	2500		84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	E	85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	2900	E	98.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420		86	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		84.8	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.9	U	91.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.1	U	88.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.225		18-112		57	SPK: -150
13127-88-3	Phenol-d6	83.41		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	61.883		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	68.195		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF091824
Lab Sample ID:	P3984-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139447.D	1	9/13/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.607		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	72.497		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60989	6.881				
1146-65-2	Naphthalene-d8	201718	8.157				
15067-26-2	Acenaphthene-d10	90433	9.91				
1517-22-2	Phenanthrene-d10	160262	11.398				
1719-03-5	Chrysene-d12	96609	14.039				
1520-96-3	Perylene-d12	78415	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.093	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	99.5	J			6.704	
	unknown10.004	140	J			10.004	
000119-61-9	Benzophenone	200	J			10.616	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	100	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			12.01	
002381-21-7	Pyrene, 1-methyl-	110	J			13.057	
003442-78-2	Pyrene, 2-methyl-	150	J			13.163	
000479-79-8	11H-Benzo[a]fluoren-11-one	88.6	J			13.669	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			13.78	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	86.5	J			13.81	
	unknown13.839	90.7	J			13.839	
000082-05-3	7H-Benz[de]anthracen-7-one	150	J			13.88	
	unknown14.810	140	J			14.81	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	280	J			15.151	
000192-97-2	Benzo[e]pyrene	800	J			15.186	
000198-55-0	Perylene	1900	J			15.386	
000213-46-7	Picene	290	J			17.162	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	WC-B-COMP	SDG No.:	BF091824
Lab Sample ID:	P3984-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139447.D	1	9/13/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	450	J			17.662	

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:	TR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF139448.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55	U	55	170	210	ug/Kg
110-86-1	Pyridine	50.6	U	50.6	82.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.4	U	61.4	82.3	110	ug/Kg
108-95-2	Phenol	52.5	U	52.5	82.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53	U	53	82.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.9	U	52.9	82.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.6	U	53.6	82.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.5	U	54.5	82.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.8	U	54.8	82.3	110	ug/Kg
100-51-6	Benzyl Alcohol	52.6	U	52.6	170	210	ug/Kg
95-48-7	2-Methylphenol	51	U	51	82.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.6	U	57.6	82.3	110	ug/Kg
98-86-2	Acetophenone	55	U	55	82.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.5	U	50.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.5	U	25.5	50.7	50.7	ug/Kg
67-72-1	Hexachloroethane	52.6	U	52.6	82.3	110	ug/Kg
98-95-3	Nitrobenzene	57.5	U	57.5	82.3	110	ug/Kg
78-59-1	Isophorone	53.6	U	53.6	82.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.8	U	59.8	82.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	82.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.3	U	54.3	82.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.8	U	47.8	82.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.1	U	54.1	82.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.3	U	52.3	82.3	110	ug/Kg
106-47-8	4-Chloroaniline	52.3	U	52.3	82.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.8	U	52.8	82.3	110	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:	TR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF139448.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55	U	55	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.1	U	49.1	82.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.2	U	52.2	82.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.8	U	98.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.2	U	45.2	82.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.9	U	46.9	82.3	110	ug/Kg
92-52-4	1,1-Biphenyl	55.4	U	55.4	82.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.8	U	52.8	82.3	110	ug/Kg
88-74-4	2-Nitroaniline	60.2	U	60.2	82.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.7	U	51.7	82.3	110	ug/Kg
208-96-8	Acenaphthylene	54.8	U	54.8	82.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.7	U	52.7	82.3	110	ug/Kg
99-09-2	3-Nitroaniline	56.5	U	56.5	82.3	110	ug/Kg
83-32-9	Acenaphthene	51.4	U	51.4	82.3	110	ug/Kg
Total PAH	Total PAH	839.2	U	839.2	82.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.5	U	73.5	170	210	ug/Kg
132-64-9	Dibenzofuran	53.5	U	53.5	82.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.3	U	107.3	82.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.6	U	54.6	82.3	110	ug/Kg
84-66-2	Diethylphthalate	50.7	U	50.7	82.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	82.3	110	ug/Kg
86-73-7	Fluorene	54.1	U	54.1	82.3	110	ug/Kg
100-01-6	4-Nitroaniline	67.8	U	67.8	82.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.1	U	74.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.7	U	51.7	82.3	110	ug/Kg
103-33-3	Azobenzene	50.4	U	50.4	82.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	82.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.8	U	53.8	82.3	110	ug/Kg
1912-24-9	Atrazine	57.9	U	57.9	82.3	110	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:	TR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF139448.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49	U	49	170	210	ug/Kg
85-01-8	Phenanthrene	53.2	U	53.2	82.3	110	ug/Kg
120-12-7	Anthracene	53.5	U	53.5	82.3	110	ug/Kg
86-74-8	Carbazole	50.9	U	50.9	82.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.4	U	53.4	82.3	110	ug/Kg
206-44-0	Fluoranthene	74	J	51.7	82.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	86.3	J	52.6	82.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.3	U	61.3	82.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.4	U	62.4	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.1	U	51.1	82.3	110	ug/Kg
218-01-9	Chrysene	52.6	J	50.3	82.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.6	U	57.6	82.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.7	U	69.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	66.8	J	51.4	82.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.3	U	52.3	82.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.7	J	58.9	82.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.5	U	49.5	82.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.4	U	51.4	82.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.7	U	50.7	82.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	82.3	110	ug/Kg
123-91-1	1,4-Dioxane	69.7	U	69.7	82.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.3	U	47.3	82.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.7	U	52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.112		18-112		53	SPK: -150
13127-88-3	Phenol-d6	75.793		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	57.144		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	60.042		20-109		60	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:	TR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF139448.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.727		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	62.306		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58177	6.881				
1146-65-2	Naphthalene-d8	183501	8.163				
15067-26-2	Acenaphthene-d10	81354	9.91				
1517-22-2	Phenanthrene-d10	146174	11.398				
1719-03-5	Chrysene-d12	92515	14.033				
1520-96-3	Perylene-d12	75546	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	990	J			2.158	
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	250	J			7.898	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	260	J			8.663	
000629-50-5	Tridecane	480	J			8.745	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	240	J			8.981	
003891-98-3	Dodecane, 2,6,10-trimethyl-	280	J			9.175	
000629-59-4	Tetradecane	800	J			9.31	
000582-16-1	Naphthalene, 2,7-dimethyl-	270	J			9.569	
019218-94-1	Tetradecane, 1-iodo-	380	J			9.628	
000544-76-3	Hexadecane	740	J			9.839	
000629-94-7	Heneicosane	770	J			10.339	
000593-49-7	Heptacosane	390	J			10.557	
000119-61-9	Benzophenone	310	J			10.622	
000629-92-5	Nonadecane	1100	J			10.816	
000112-95-8	Eicosane	620	J			11.263	
017312-57-1	Dodecane, 3-methyl-	220	J			11.292	
055045-08-4	Dodecane, 2-methyl-6-propyl-	470	J			11.686	
013287-24-6	Nonadecane, 9-methyl-	400	J			12.092	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	330	J			12.48	

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:	TR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4090-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF139448.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004860-03-1	Hexadecane, 1-chloro-	270	J			13.88	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091824
Lab Sample ID:	P4097-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139449.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.2	U	63.2	200	240	ug/Kg
110-86-1	Pyridine	58.2	U	58.2	94.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.6	U	70.6	94.7	120	ug/Kg
108-95-2	Phenol	60.4	U	60.4	94.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61	U	61	94.7	120	ug/Kg
95-57-8	2-Chlorophenol	60.8	U	60.8	94.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.6	U	61.6	94.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.6	U	62.6	94.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63	U	63	94.7	120	ug/Kg
100-51-6	Benzyl Alcohol	60.5	U	60.5	200	240	ug/Kg
95-48-7	2-Methylphenol	58.7	U	58.7	94.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.2	U	66.2	94.7	120	ug/Kg
98-86-2	Acetophenone	63.3	U	63.3	94.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.1	U	58.1	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.4	U	29.4	58.3	58.3	ug/Kg
67-72-1	Hexachloroethane	60.5	U	60.5	94.7	120	ug/Kg
98-95-3	Nitrobenzene	66.1	U	66.1	94.7	120	ug/Kg
78-59-1	Isophorone	61.6	U	61.6	94.7	120	ug/Kg
88-75-5	2-Nitrophenol	68.8	U	68.8	94.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.9	U	67.9	94.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.5	U	62.5	94.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	94.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.2	U	62.2	94.7	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.2	U	60.2	94.7	120	ug/Kg
106-47-8	4-Chloroaniline	60.2	U	60.2	94.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.7	U	60.7	94.7	120	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:	RT2299	SDG No.:	BF091824
Lab Sample ID:	P4097-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139449.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.2	U	63.2	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.5	U	56.5	94.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.1	U	60.1	94.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	94.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.9	U	53.9	94.7	120	ug/Kg
92-52-4	1,1-Biphenyl	63.7	U	63.7	94.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.7	U	60.7	94.7	120	ug/Kg
88-74-4	2-Nitroaniline	69.2	U	69.2	94.7	120	ug/Kg
131-11-3	Dimethylphthalate	59.5	U	59.5	94.7	120	ug/Kg
208-96-8	Acenaphthylene	63	U	63	94.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.6	U	60.6	94.7	120	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	94.7	120	ug/Kg
83-32-9	Acenaphthene	110	J	59.1	94.7	120	ug/Kg
Total PAH	Total PAH	8509.2		965.4	94.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	84.5	U	84.5	200	240	ug/Kg
132-64-9	Dibenzofuran	61.5	U	61.5	94.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	123.4	U	123.4	94.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62.8	U	62.8	94.7	120	ug/Kg
84-66-2	Diethylphthalate	58.3	U	58.3	94.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.4	U	62.4	94.7	120	ug/Kg
86-73-7	Fluorene	120		62.3	94.7	120	ug/Kg
100-01-6	4-Nitroaniline	77.9	U	77.9	94.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.2	U	85.2	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.4	U	59.4	94.7	120	ug/Kg
103-33-3	Azobenzene	58	U	58	94.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.5	U	57.5	94.7	120	ug/Kg
118-74-1	Hexachlorobenzene	61.9	U	61.9	94.7	120	ug/Kg
1912-24-9	Atrazine	66.6	U	66.6	94.7	120	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:	RT2299	SDG No.:	BF091824
Lab Sample ID:	P4097-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139449.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.3	U	56.3	200	240	ug/Kg
85-01-8	Phenanthrene	1000		61.2	94.7	120	ug/Kg
120-12-7	Anthracene	320		61.5	94.7	120	ug/Kg
86-74-8	Carbazole	130		58.5	94.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.4	U	61.4	94.7	120	ug/Kg
206-44-0	Fluoranthene	1700		59.5	94.7	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	1400		60.5	94.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.5	U	70.5	94.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71.8	U	71.8	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	740		58.8	94.7	120	ug/Kg
218-01-9	Chrysene	660		57.9	94.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.3	U	66.3	94.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.1	U	80.1	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		59.1	94.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	310		60.2	94.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	640		67.7	94.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		56.9	94.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79.2	J	59.2	94.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340		58.3	94.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.2	U	63.2	94.7	120	ug/Kg
123-91-1	1,4-Dioxane	80.1	U	80.1	94.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.4	U	54.4	94.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.6	U	60.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.483		18-112		56	SPK: -150
13127-88-3	Phenol-d6	79.873		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	57.975		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	54.494		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091824
Lab Sample ID:	P4097-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139449.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.377		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	56.297		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54345	6.881				
1146-65-2	Naphthalene-d8	176890	8.163				
15067-26-2	Acenaphthene-d10	77557	9.91				
1517-22-2	Phenanthrene-d10	140730	11.398				
1719-03-5	Chrysene-d12	87116	14.033				
1520-96-3	Perylene-d12	73760	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.093	
000629-50-5	Tridecane	170	J			9.31	
019218-94-1	Tetradecane, 1-iodo-	200	J			9.628	
000544-76-3	Hexadecane	260	J			9.839	
	unknown10.251	97.4	J			10.251	
000629-78-7	Heptadecane	330	J			10.339	
004292-19-7	Dodecane, 1-iodo-	230	J			10.557	
000119-61-9	Benzophenone	140	J			10.622	
006418-43-5	Hexadecane, 3-methyl-	630	J			10.822	
000629-62-9	Pentadecane	260	J			11.263	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	280	J			11.292	
000593-45-3	Octadecane	230	J			11.686	
000638-53-9	Tridecanoic acid	250	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			12.01	
055045-08-4	Dodecane, 2-methyl-6-propyl-	180	J			12.092	
000629-92-5	Nonadecane	170	J			12.48	
033543-31-6	Fluoranthene, 2-methyl-	90.8	J			13.163	
	unknown13.880	86.9	J			13.88	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	RT2299	SDG No.:	BF091824
Lab Sample ID:	P4097-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.7
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139449.D	1	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	470	J			15.38	

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:	HR-01-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139450.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1100	ug/Kg
110-86-1	Pyridine	260	U	260	410	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1100	ug/Kg
62-53-3	Aniline	310	U	310	410	540	ug/Kg
108-95-2	Phenol	260	U	260	410	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	410	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	410	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	410	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	410	540	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	860	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	410	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	410	540	ug/Kg
98-86-2	Acetophenone	280	U	280	410	540	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	860	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	410	540	ug/Kg
78-59-1	Isophorone	270	U	270	410	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	410	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	540	ug/Kg
65-85-0	Benzoic acid	760	U	760	860	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	410	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	410	540	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:	HR-01-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139450.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	410	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	860	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	410	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	410	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	410	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	410	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	410	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	410	540	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	410	540	ug/Kg
Total PAH	Total PAH	5330	U	4230	410	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	860	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	410	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	410	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	410	1080	ug/Kg
84-66-2	Diethylphthalate	260	U	260	410	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	540	ug/Kg
86-73-7	Fluorene	270	U	270	410	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	410	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	410	540	ug/Kg
103-33-3	Azobenzene	250	U	250	410	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	540	ug/Kg
1912-24-9	Atrazine	290	U	290	410	540	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:	HR-01-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139450.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1100	ug/Kg
85-01-8	Phenanthrene	930		270	410	540	ug/Kg
120-12-7	Anthracene	290	J	270	410	540	ug/Kg
86-74-8	Carbazole	260	U	260	410	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	410	540	ug/Kg
206-44-0	Fluoranthene	1200		260	410	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1100	ug/Kg
129-00-0	Pyrene	1000		260	410	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	410	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	860	1100	ug/Kg
56-55-3	Benzo(a)anthracene	500	J	260	410	540	ug/Kg
218-01-9	Chrysene	460	J	250	410	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	410	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		260	410	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	410	540	ug/Kg
50-32-8	Benzo(a)pyrene	410	J	300	410	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	410	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	410	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	410	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	410	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	410	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	410	540	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.73		18-112		58	SPK: -150
13127-88-3	Phenol-d6	82.385		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	60.26		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	67.94		20-109		68	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:	HR-01-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139450.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.555		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	74.77		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53983	6.881				
1146-65-2	Naphthalene-d8	170204	8.163				
15067-26-2	Acenaphthene-d10	78764	9.91				
1517-22-2	Phenanthrene-d10	146970	11.398				
1719-03-5	Chrysene-d12	84994	14.033				
1520-96-3	Perylene-d12	68040	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.14	
000613-12-7	Anthracene, 2-methyl-	370	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	260	J			12.01	

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:	HR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
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
BF139451.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	850	1000	ug/Kg
110-86-1	Pyridine	250	U	250	410	530	ug/Kg
100-52-7	Benzaldehyde	570	U	570	850	1000	ug/Kg
62-53-3	Aniline	300	U	300	410	530	ug/Kg
108-95-2	Phenol	260	U	260	410	530	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	410	530	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	410	530	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	410	530	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	530	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	410	530	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	850	1000	ug/Kg
95-48-7	2-Methylphenol	250	U	250	410	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	410	530	ug/Kg
98-86-2	Acetophenone	270	U	270	410	530	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	850	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	530	ug/Kg
98-95-3	Nitrobenzene	280	U	280	410	530	ug/Kg
78-59-1	Isophorone	260	U	260	410	530	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	530	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	410	530	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	530	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	530	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	530	ug/Kg
65-85-0	Benzoic acid	740	U	740	850	1000	ug/Kg
91-20-3	Naphthalene	260	U	260	410	530	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	530	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	410	530	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:	HR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
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
BF139451.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	850	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	410	530	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	530	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	850	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	410	530	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	410	530	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	410	530	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	410	530	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	530	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	530	ug/Kg
208-96-8	Acenaphthylene	270	U	270	410	530	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	410	530	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	530	ug/Kg
83-32-9	Acenaphthene	480	J	250	410	530	ug/Kg
Total PAH	Total PAH	32060		4130	410	8480	ug/Kg
51-28-5	2,4-Dinitrophenol	760	U	760	850	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	850	1000	ug/Kg
132-64-9	Dibenzofuran	410	J	260	410	530	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	630	U	530	410	1060	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	410	530	ug/Kg
84-66-2	Diethylphthalate	250	U	250	410	530	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	530	ug/Kg
86-73-7	Fluorene	730		270	410	530	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	410	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	850	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	410	530	ug/Kg
103-33-3	Azobenzene	250	U	250	410	530	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	530	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	530	ug/Kg
1912-24-9	Atrazine	290	U	290	410	530	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:	HR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
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
BF139451.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	850	1000	ug/Kg
85-01-8	Phenanthrene	4100		260	410	530	ug/Kg
120-12-7	Anthracene	1500		260	410	530	ug/Kg
86-74-8	Carbazole	250	U	250	410	530	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	410	530	ug/Kg
206-44-0	Fluoranthene	5800		260	410	530	ug/Kg
92-87-5	Benzidine	510	U	510	850	1000	ug/Kg
129-00-0	Pyrene	4700		260	410	530	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	410	530	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	850	1000	ug/Kg
56-55-3	Benzo(a)anthracene	3000		250	410	530	ug/Kg
218-01-9	Chrysene	2200		250	410	530	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	410	530	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	850	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		250	410	530	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		260	410	530	ug/Kg
50-32-8	Benzo(a)pyrene	2700		290	410	530	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		240	410	530	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350	J	250	410	530	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		250	410	530	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	410	530	ug/Kg
123-91-1	1,4-Dioxane	340	U	340	410	530	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	230	410	530	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	530	530	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.395		18-112		46	SPK: -150
13127-88-3	Phenol-d6	64.175		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	46.685		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	50.505		20-109		51	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:	HR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
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
BF139451.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.845		10-116		38	SPK: -150
1718-51-0	Terphenyl-d14	55.14		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51000	6.881				
1146-65-2	Naphthalene-d8	168609	8.163				
15067-26-2	Acenaphthene-d10	77272	9.916				
1517-22-2	Phenanthrene-d10	138526	11.398				
1719-03-5	Chrysene-d12	82690	14.033				
1520-96-3	Perylene-d12	68239	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	970	J			2.146	
062108-25-2	Decane, 2,6,7-trimethyl-	660	J			8.575	
000629-50-5	Tridecane	1800	J			8.745	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	610	J			8.981	
074645-98-0	Dodecane, 2,7,10-trimethyl-	740	J			9.175	
000629-59-4	Tetradecane	2600	J			9.31	
000581-40-8	Naphthalene, 2,3-dimethyl-	860	J			9.569	
018344-37-1	Heptadecane, 2,6,10,14-tetramethyl	960	J			9.628	
000629-62-9	Pentadecane	2500	J			9.839	
000544-76-3	Hexadecane	2600	J			10.339	
000593-49-7	Heptacosane	1100	J			10.557	
000629-92-5	Nonadecane	3500	J			10.816	
000629-78-7	Heptadecane	2100	J			11.263	
000248-13-5	Azuleno(2,1-b)thiophene	890	J			11.292	
055045-10-8	Tridecane, 6-propyl-	1600	J			11.686	
002531-84-2	Phenanthrene, 2-methyl-	810	J			11.928	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	J			12.01	
000629-94-7	Heneicosane	1300	J			12.092	
000593-45-3	Octadecane	1400	J			12.48	

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:	HR-04-091724	SDG No.:	BF091824
Lab Sample ID:	P4098-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
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
BF139451.D	5	9/18/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	1600	J			15.38	

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A-COMPDL								
P3984-01DL	WC-A-COMPDL	Solid	Anthracene	1,800.000	D	890	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Benzo(a)anthracene	5,500.000	D	850	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Benzo(a)pyrene	5,000.000	D	980	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Benzo(b)fluoranthene	5,900.000	D	850	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Benzo(g,h,i)perylene	2,100.000	D	840	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Benzo(k)fluoranthene	2,400.000	D	870	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Carbazole	990.000	JD	850	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Chrysene	4,500.000	D	840	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Fluoranthene	8,800.000	D	860	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Indeno(1,2,3-cd)pyrene	2,000.000	D	820	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Phenanthrene	8,000.000	D	880	1800	ug/Kg
P3984-01DL	WC-A-COMPDL	Solid	Pyrene	7,500.000	D	870	1800	ug/Kg
Total Svoc :				54,490.00				
Total Concentration:				54,490.00				
Client ID : WC-B-COMP								
P3984-04	WC-B-COMP	Solid	11H-Benzo[a]fluoren-11-one	*	88.600	J		
P3984-04	WC-B-COMP	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	100.000	J		
P3984-04	WC-B-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P3984-04	WC-B-COMP	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P3984-04	WC-B-COMP	Solid	7H-Benz[de]anthracen-7-one	*	150.000	J		
P3984-04	WC-B-COMP	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	110.000	J		
P3984-04	WC-B-COMP	Solid	Benzo[e]pyrene	*	800.000	J		
P3984-04	WC-B-COMP	Solid	Benzophenone	*	200.000	J		
P3984-04	WC-B-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P3984-04	WC-B-COMP	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	86.500	J		
P3984-04	WC-B-COMP	Solid	Dibenzo[def,mno]chrysene	*	450.000	J		
P3984-04	WC-B-COMP	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	280.000	J		
P3984-04	WC-B-COMP	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	99.500	J		
P3984-04	WC-B-COMP	Solid	Perylene	*	1,900.000	J		
P3984-04	WC-B-COMP	Solid	Picene	*	290.000	J		
P3984-04	WC-B-COMP	Solid	Pyrene, 1-methyl-	*	110.000	J		
P3984-04	WC-B-COMP	Solid	Pyrene, 2-methyl-	*	150.000	J		
P3984-04	WC-B-COMP	Solid	unknown10.004	*	140.000	J		
P3984-04	WC-B-COMP	Solid	unknown13.839	*	90.700	J		
P3984-04	WC-B-COMP	Solid	unknown14.810	*	140.000	J		
Total Tics :				7,425.30				
P3984-04	WC-B-COMP	Solid	2-Methylnaphthalene		94.000	J	87.4	180 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3984-04	WC-B-COMP	Solid	Acenaphthene	410.000		85.9	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Acenaphthylene	160.000	J	91.6	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Anthracene	1,000.000		89.4	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Benzo(a)anthracene	2,800.000		85.5	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Benzo(a)pyrene	2,900.000	E	98.5	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Benzo(b)fluoranthene	3,400.000	E	85.9	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Benzo(g,h,i)perylene	1,800.000		84.8	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Benzo(k)fluoranthene	1,500.000		87.5	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	96.4	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Butylbenzylphthalate	150.000	J	100	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Carbazole	590.000		85	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Chrysene	2,500.000		84.2	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Dibenzo(a,h)anthracene	420.000		86	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Dibenzofuran	250.000		89.4	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Fluoranthene	5,700.000	E	86.5	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Fluorene	360.000		90.5	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Indeno(1,2,3-cd)pyrene	1,500.000		82.7	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Naphthalene	260.000		87.5	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Phenanthrene	3,800.000	E	89	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Pyrene	4,800.000	E	87.9	180	ug/Kg
P3984-04	WC-B-COMP	Solid	Total PAH	33,310.000		1403.4	2880	ug/Kg

Total Svoc : 67,834.00

Total Concentration: 75,259.30

Client ID : TP-1

P4002-01	TP-1	Solid	11H-Benzo[b]fluorene	*	120.000	J	
P4002-01	TP-1	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	360.000	J	
P4002-01	TP-1	Solid	2,6-Dimethyldecane	*	190.000	J	
P4002-01	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	100.000	A	
P4002-01	TP-1	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	J	
P4002-01	TP-1	Solid	Benzo[e]pyrene	*	84.800	J	
P4002-01	TP-1	Solid	Benzophenone	*	85.300	J	
P4002-01	TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J	
P4002-01	TP-1	Solid	Carbonic acid, undecyl vinyl ester	*	80.900	J	
P4002-01	TP-1	Solid	Cyclopenta(def)phenanthrenone	*	91.000	J	
P4002-01	TP-1	Solid	Dibenzothiophene	*	80.700	J	
P4002-01	TP-1	Solid	E-15-Heptadecenal	*	100.000	J	
P4002-01	TP-1	Solid	Hexadecane	*	66.800	J	
P4002-01	TP-1	Solid	Hexadecane, 2,6,11,15-tetramethy	*	86.000	J	
P4002-01	TP-1	Solid	Perylene	*	440.000	J	
P4002-01	TP-1	Solid	Phenanthrene, 1,2,3,4-tetrahydro-	*	78.200	J	

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4002-01	TP-1	Solid	Phenanthrene, 1,7-dimethyl-	*	87.600	J		
P4002-01	TP-1	Solid	Pyrene, 1-methyl-	*	80.300	J		
P4002-01	TP-1	Solid	Tetradecane, 1-iodo-	*	66.500	J		
P4002-01	TP-1	Solid	unknown12.480	*	81.200	J		
Total Tics :					3,729.30			
P4002-01	TP-1	Solid	Acenaphthene		69.900	J	55.6	120 ug/Kg
P4002-01	TP-1	Solid	Anthracene		190.000		57.9	120 ug/Kg
P4002-01	TP-1	Solid	Benzo(a)anthracene		500.000		55.4	120 ug/Kg
P4002-01	TP-1	Solid	Benzo(a)pyrene		630.000		63.8	120 ug/Kg
P4002-01	TP-1	Solid	Benzo(b)fluoranthene		810.000		55.6	120 ug/Kg
P4002-01	TP-1	Solid	Benzo(g,h,i)perylene		400.000		54.9	120 ug/Kg
P4002-01	TP-1	Solid	Benzo(k)fluoranthene		300.000		56.7	120 ug/Kg
P4002-01	TP-1	Solid	Carbazole		79.400	J	55.1	120 ug/Kg
P4002-01	TP-1	Solid	Chrysene		560.000		54.5	120 ug/Kg
P4002-01	TP-1	Solid	Dibenzo(a,h)anthracene		99.800	J	55.7	120 ug/Kg
P4002-01	TP-1	Solid	Dibenzofuran		63.200	J	57.9	120 ug/Kg
P4002-01	TP-1	Solid	Fluoranthene		1,200.000		56	120 ug/Kg
P4002-01	TP-1	Solid	Fluorene		78.300	J	58.6	120 ug/Kg
P4002-01	TP-1	Solid	Indeno(1,2,3-cd)pyrene		330.000		53.6	120 ug/Kg
P4002-01	TP-1	Solid	Naphthalene		92.300	J	56.7	120 ug/Kg
P4002-01	TP-1	Solid	Phenanthrene		740.000		57.6	120 ug/Kg
P4002-01	TP-1	Solid	Pyrene		910.000		56.9	120 ug/Kg
P4002-01	TP-1	Solid	Total PAH		6,910.000		908.8	1920 ug/Kg
Total Svoc :					13,962.90			
Total Concentration:					17,692.20			
Client ID : TP-5								
P4002-07	TP-5	Solid	1-Octadecene	*	160.000	J		
P4002-07	TP-5	Solid	11H-Benzo[a]fluorene	*	72.300	J		
P4002-07	TP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P4002-07	TP-5	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P4002-07	TP-5	Solid	Benzophenone	*	100.000	J		
P4002-07	TP-5	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4002-07	TP-5	Solid	ethanone, 1-(9H-carbazol-9-yl)-	*	53.600	J		
P4002-07	TP-5	Solid	Pentacos-1-ene	*	140.000	J		
P4002-07	TP-5	Solid	Phenanthrene, 2-methyl-	*	280.000	J		
P4002-07	TP-5	Solid	Pyrene, 1-methyl-	*	56.200	J		
Total Tics :					2,622.10			
P4002-07	TP-5	Solid	Acenaphthene		70.300	J	63.3	130 ug/Kg
P4002-07	TP-5	Solid	Anthracene		250.000		65.8	130 ug/Kg
P4002-07	TP-5	Solid	Benzo(a)anthracene		140.000		63	130 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4002-07	TP-5	Solid	Benzo(a)pyrene	92.100	J	72.6	130	ug/Kg
P4002-07	TP-5	Solid	Benzo(b)fluoranthene	120.000	J	63.3	130	ug/Kg
P4002-07	TP-5	Solid	Chrysene	150.000		62	130	ug/Kg
P4002-07	TP-5	Solid	Fluoranthene	410.000		63.7	130	ug/Kg
P4002-07	TP-5	Solid	Phenanthrene	250.000		65.5	130	ug/Kg
P4002-07	TP-5	Solid	Pyrene	300.000		64.8	130	ug/Kg
P4002-07	TP-5	Solid	Total PAH	1,782.000	J	1033.7	2080	ug/Kg
Total Svoc :				3,564.40				
Total Concentration:				6,186.50				

Client ID : DN-B-34B

P4009-01	DN-B-34B	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P4009-01	DN-B-34B	Solid	9-Octadecenamide, (Z)- *	270.000	J			
P4009-01	DN-B-34B	Solid	Benzophenone *	250.000	J			
P4009-01	DN-B-34B	Solid	Butane, 2-methoxy-2-methyl- *	2,400.000	J			
P4009-01	DN-B-34B	Solid	Heptafluorobutyric acid, pentadec *	260.000	J			
P4009-01	DN-B-34B	Solid	Hexanedioic acid, bis(2-ethylhexy *	190.000	J			
P4009-01	DN-B-34B	Solid	n-Hexadecanoic acid *	410.000	J			
P4009-01	DN-B-34B	Solid	Octadecanoic acid *	110.000	J			
Total Tics :				4,110.00				
P4009-01	DN-B-34B	Solid	Benzo(a)anthracene	110.000	J	91.3	190	ug/Kg
P4009-01	DN-B-34B	Solid	Benzo(a)pyrene	110.000	J	110	190	ug/Kg
P4009-01	DN-B-34B	Solid	Benzo(b)fluoranthene	120.000	J	91.8	190	ug/Kg
P4009-01	DN-B-34B	Solid	Chrysene	98.100	J	90	190	ug/Kg
P4009-01	DN-B-34B	Solid	Fluoranthene	240.000		92.5	190	ug/Kg
P4009-01	DN-B-34B	Solid	Phenanthrene	170.000	J	95.1	190	ug/Kg
P4009-01	DN-B-34B	Solid	Pyrene	190.000		93.9	190	ug/Kg
Total Svoc :				1,038.10				
Total Concentration:				5,148.10				

Client ID : OR-03-09162024

P4014-01	OR-03-09162024	Solid	Butane, 2-methoxy-2-methyl- *	1,400.000	J			
P4014-01	OR-03-09162024	Solid	Phenanthrene, 2-methyl- *	300.000	J			
Total Tics :				1,700.00				
P4014-01	OR-03-09162024	Solid	Fluoranthene	330.000	J	260	530	ug/Kg
P4014-01	OR-03-09162024	Solid	Pyrene	440.000	J	260	530	ug/Kg
Total Svoc :				770.00				
Total Concentration:				2,470.00				

Client ID : B-1-TANK17

P4015-01	B-1-TANK17	Solid	1-Docosene *	100.000	J			
P4015-01	B-1-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4015-01	B-1-TANK17	Solid	Benzophenone	*	170.000	J		
P4015-01	B-1-TANK17	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P4015-01	B-1-TANK17	Solid	n-Hexadecanoic acid	*	150.000	J		
Total Tics :				2,730.00				
P4015-01	B-1-TANK17	Solid	Benzo(a)anthracene		170.000	J	90.6	190 ug/Kg
P4015-01	B-1-TANK17	Solid	Benzo(a)pyrene		130.000	J	100	190 ug/Kg
P4015-01	B-1-TANK17	Solid	Benzo(b)fluoranthene		160.000	J	91.1	190 ug/Kg
P4015-01	B-1-TANK17	Solid	Chrysene		120.000	J	89.3	190 ug/Kg
P4015-01	B-1-TANK17	Solid	Fluoranthene		230.000		91.7	190 ug/Kg
P4015-01	B-1-TANK17	Solid	Phenanthrene		180.000	J	94.3	190 ug/Kg
P4015-01	B-1-TANK17	Solid	Pyrene		220.000		93.2	190 ug/Kg
Total Svoc :				1,210.00				
Total Concentration:				3,940.00				
Client ID : B-2-TANK17								
P4015-02	B-2-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P4015-02	B-2-TANK17	Solid	Benzo[e]pyrene	*	97.800	J		
P4015-02	B-2-TANK17	Solid	Benzophenone	*	170.000	J		
P4015-02	B-2-TANK17	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		
P4015-02	B-2-TANK17	Solid	n-Hexadecanoic acid	*	190.000	J		
P4015-02	B-2-TANK17	Solid	Trichloroacetic acid, hexadecyl es	*	84.800	J		
Total Tics :				3,262.60				
P4015-02	B-2-TANK17	Solid	Benzo(a)anthracene		190.000		90.1	190 ug/Kg
P4015-02	B-2-TANK17	Solid	Benzo(a)pyrene		150.000	J	100	190 ug/Kg
P4015-02	B-2-TANK17	Solid	Benzo(b)fluoranthene		190.000		90.5	190 ug/Kg
P4015-02	B-2-TANK17	Solid	Chrysene		140.000	J	88.7	190 ug/Kg
P4015-02	B-2-TANK17	Solid	Fluoranthene		280.000		91.2	190 ug/Kg
P4015-02	B-2-TANK17	Solid	Phenanthrene		210.000		93.7	190 ug/Kg
P4015-02	B-2-TANK17	Solid	Pyrene		230.000		92.6	190 ug/Kg
Total Svoc :				1,390.00				
Total Concentration:				4,652.60				
Client ID : SW-2-TANK17								
P4015-04	SW-2-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		
P4015-04	SW-2-TANK17	Solid	Benzo[e]pyrene	*	87.900	J		
P4015-04	SW-2-TANK17	Solid	Benzophenone	*	130.000	J		
P4015-04	SW-2-TANK17	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P4015-04	SW-2-TANK17	Solid	Eicosane	*	180.000	J		
P4015-04	SW-2-TANK17	Solid	Heneicosane	*	130.000	J		
P4015-04	SW-2-TANK17	Solid	Heptacosane	*	230.000	J		
P4015-04	SW-2-TANK17	Solid	Heptadecane	*	280.000	J		
P4015-04	SW-2-TANK17	Solid	n-Hexadecanoic acid	*	260.000	J		

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4015-04	SW-2-TANK17	Solid	Pentacosane	*	230.000	J		
P4015-04	SW-2-TANK17	Solid	Sulfurous acid, butyl heptadecyl e	*	320.000	J		
P4015-04	SW-2-TANK17	Solid	Triacontane	*	84.200	J		
P4015-04	SW-2-TANK17	Solid	unknown16.162	*	120.000	J		
Total Tics :					4,332.10			
P4015-04	SW-2-TANK17	Solid	Anthracene		97.700	J	94.7	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Benzo(a)anthracene		210.000		90.6	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Benzo(a)pyrene		160.000	J	100	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Benzo(b)fluoranthene		190.000		91	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Chrysene		150.000	J	89.2	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Fluoranthene		340.000		91.7	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Phenanthrene		350.000		94.3	190 ug/Kg
P4015-04	SW-2-TANK17	Solid	Pyrene		310.000		93.2	190 ug/Kg
Total Svoc :					1,807.70			
Total Concentration:					6,139.80			
Client ID : SW-3-TANK17								
P4015-05	SW-3-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P4015-05	SW-3-TANK17	Solid	Benzophenone	*	140.000	J		
P4015-05	SW-3-TANK17	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J		
P4015-05	SW-3-TANK17	Solid	n-Hexadecanoic acid	*	200.000	J		
P4015-05	SW-3-TANK17	Solid	Trichloroacetic acid, hexadecyl es	*	170.000	J		
Total Tics :					3,110.00			
P4015-05	SW-3-TANK17	Solid	Benzo(a)anthracene		140.000	J	93.6	200 ug/Kg
P4015-05	SW-3-TANK17	Solid	Benzo(a)pyrene		110.000	J	110	200 ug/Kg
P4015-05	SW-3-TANK17	Solid	Benzo(b)fluoranthene		130.000	J	94.1	200 ug/Kg
P4015-05	SW-3-TANK17	Solid	Chrysene		98.600	J	92.3	200 ug/Kg
P4015-05	SW-3-TANK17	Solid	Fluoranthene		200.000		94.8	200 ug/Kg
P4015-05	SW-3-TANK17	Solid	Phenanthrene		140.000	J	97.5	200 ug/Kg
P4015-05	SW-3-TANK17	Solid	Pyrene		190.000	J	96.3	200 ug/Kg
Total Svoc :					1,008.60			
Total Concentration:					4,118.60			
Client ID : P-1-TANK17								
P4015-06	P-1-TANK17	Solid	1-Docosene	*	150.000	J		
P4015-06	P-1-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		
P4015-06	P-1-TANK17	Solid	Benzophenone	*	120.000	J		
P4015-06	P-1-TANK17	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P4015-06	P-1-TANK17	Solid	n-Hexadecanoic acid	*	120.000	J		
Total Tics :					2,670.00			
Total Concentration:					2,670.00			

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SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CHA-1-TANK17								
P4015-07	CHA-1-TANK17	Solid	2-Pentanone, 4-hydroxy-4-methyl *	200.000	A			
P4015-07	CHA-1-TANK17	Solid	Benzophenone *	140.000	J			
P4015-07	CHA-1-TANK17	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P4015-07	CHA-1-TANK17	Solid	n-Tetracosanol-1 *	120.000	J			
Total Tics :					3,060.00			
Total Concentration:					3,060.00			
Client ID : TP-9								
P4023-01	TP-9	Solid	1-Decanol, 2-octyl- *	120.000	J			
P4023-01	TP-9	Solid	2-Pentanone, 4-hydroxy-4-methyl *	150.000	A			
P4023-01	TP-9	Solid	Benzophenone *	130.000	J			
P4023-01	TP-9	Solid	Butane, 2-methoxy-2-methyl- *	1,600.000	J			
P4023-01	TP-9	Solid	Dodecane, 1-iodo- *	300.000	J			
P4023-01	TP-9	Solid	Dodecane, 2-methyl-6-propyl- *	320.000	J			
P4023-01	TP-9	Solid	Eicosane, 10-methyl- *	54.600	J			
P4023-01	TP-9	Solid	Heneicosane *	240.000	J			
P4023-01	TP-9	Solid	Heptacosane *	160.000	J			
P4023-01	TP-9	Solid	Heptadecane *	510.000	J			
P4023-01	TP-9	Solid	Heptadecane, 2,6,10,15-tetramethyl- *	130.000	J			
P4023-01	TP-9	Solid	Hexadecane *	130.000	J			
P4023-01	TP-9	Solid	Nonadecane *	190.000	J			
P4023-01	TP-9	Solid	Octacosane *	140.000	J			
P4023-01	TP-9	Solid	Octadecane *	54.000	J			
P4023-01	TP-9	Solid	Octadecane, 1-chloro- *	81.500	J			
P4023-01	TP-9	Solid	Pentadecane *	220.000	J			
P4023-01	TP-9	Solid	Pentadecane, 2,6,10-trimethyl- *	160.000	J			
P4023-01	TP-9	Solid	Tetratetracontane *	78.400	J			
P4023-01	TP-9	Solid	Tridecane *	58.800	J			
Total Tics :					4,827.30			
Total Concentration:					4,827.30			
Client ID : CONCRETE-TP-9								
P4023-03	CONCRETE-TP-9	Solid	2-Pentanone, 4-hydroxy-4-methyl *	680.000	A			
P4023-03	CONCRETE-TP-9	Solid	3-Penten-2-one, 4-methyl- *	830.000	A			
P4023-03	CONCRETE-TP-9	Solid	Benzophenone *	66.200	J			
P4023-03	CONCRETE-TP-9	Solid	Butane, 2-methoxy-2-methyl- *	1,300.000	J			
P4023-03	CONCRETE-TP-9	Solid	Heptadecyl heptafluorobutyrate *	130.000	J			
P4023-03	CONCRETE-TP-9	Solid	n-Hexadecanoic acid *	50.800	J			
P4023-03	CONCRETE-TP-9	Solid	unknown15.645 *	45.400	J			
Total Tics :					3,102.40			

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SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,102.40				
Client ID :	WC-A-08-202409							
P4030-02	WC-A-08-202409	water	Pentachlorophenol	180.000		18.5	100	ug/L
Total Svoc :				180.00				
Total Concentration:				180.00				
Client ID :	WC-S-08-202409							
P4030-03	WC-S-08-202409	water	Benzidine	240.000		40.7	100	ug/L
P4030-03	WC-S-08-202409	water	Pentachlorophenol	100.000		18.5	100	ug/L
Total Svoc :				340.00				
Total Concentration:				340.00				
Client ID :	COMP-2							
P4085-04	COMP-2	water	Pentachlorophenol	80.500	J	18.5	100	ug/L
Total Svoc :				80.50				
Total Concentration:				80.50				
Client ID :	SOIL							
P4086-01	SOIL	Solid	11H-Benzo[b]fluorene	*	46.400	J		
P4086-01	SOIL	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P4086-01	SOIL	Solid	Benzo[e]pyrene	*	150.000	J		
P4086-01	SOIL	Solid	Benzophenone	*	140.000	J		
P4086-01	SOIL	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P4086-01	SOIL	Solid	n-Hexadecanoic acid	*	320.000	J		
P4086-01	SOIL	Solid	Octadecanoic acid	*	87.200	J		
P4086-01	SOIL	Solid	Pentadecafluorooctanoic acid, octa	*	120.000	J		
P4086-01	SOIL	Solid	Phenanthrene, 1-methyl-	*	92.800	J		
P4086-01	SOIL	Solid	Phenanthrene, 2,5-dimethyl-	*	47.100	J		
P4086-01	SOIL	Solid	Tridecane	*	47.100	J		
P4086-01	SOIL	Solid	unknown10.004	*	220.000	J		
Total Tics :				2,740.60				
P4086-01	SOIL	Solid	Benzo(a)anthracene		290.000	54.5	110	ug/Kg
P4086-01	SOIL	Solid	Benzo(a)pyrene		300.000	62.9	110	ug/Kg
P4086-01	SOIL	Solid	Benzo(b)fluoranthene		340.000	54.8	110	ug/Kg
P4086-01	SOIL	Solid	Benzo(g,h,i)perylene		150.000	54.1	110	ug/Kg
P4086-01	SOIL	Solid	Benzo(k)fluoranthene		150.000	55.8	110	ug/Kg
P4086-01	SOIL	Solid	Chrysene		260.000	53.7	110	ug/Kg
P4086-01	SOIL	Solid	Fluoranthene		400.000	55.2	110	ug/Kg
P4086-01	SOIL	Solid	Indeno(1,2,3-cd)pyrene		120.000	52.8	110	ug/Kg
P4086-01	SOIL	Solid	Phenanthrene		180.000	56.8	110	ug/Kg
P4086-01	SOIL	Solid	Pyrene		360.000	56.1	110	ug/Kg
Total Svoc :				2,550.00				

Hit Summary Sheet
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SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				5,290.60				
Client ID : NB-614-COMP-01								
P4087-01	NB-614-COMP-01	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P4087-01	NB-614-COMP-01	Solid	Benzo[e]pyrene *	86.900	J			
P4087-01	NB-614-COMP-01	Solid	Benzophenone *	54.300	J			
P4087-01	NB-614-COMP-01	Solid	Butane, 2-methoxy-2-methyl- *	890.000	J			
P4087-01	NB-614-COMP-01	Solid	Heptadecyl heptafluorobutyrate *	93.900	J			
P4087-01	NB-614-COMP-01	Solid	n-Hexadecanoic acid *	140.000	J			
P4087-01	NB-614-COMP-01	Solid	unknown10.004 *	350.000	J			
P4087-01	NB-614-COMP-01	Solid	unknown12.698 *	150.000	J			
Total Tics :				1,905.10				
P4087-01	NB-614-COMP-01	Solid	Benzo(a)anthracene	90.400	J	54.5	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Benzo(a)pyrene	100.000	J	62.8	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Benzo(b)fluoranthene	130.000		54.8	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Benzo(g,h,i)perylene	67.100	J	54.1	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Benzo(k)fluoranthene	58.100	J	55.8	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Chrysene	94.800	J	53.7	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Fluoranthene	170.000		55.2	110	ug/Kg
P4087-01	NB-614-COMP-01	Solid	Pyrene	140.000		56.1	110	ug/Kg
Total Svoc :				850.40				
Total Concentration:				2,755.50				
Client ID : NB-614-COMP-05								
P4087-25	NB-614-COMP-05	Solid	11H-Benzo[a]fluoren-11-one *	79.900	J			
P4087-25	NB-614-COMP-05	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P4087-25	NB-614-COMP-05	Solid	9,10-Anthracenedione *	95.900	J			
P4087-25	NB-614-COMP-05	Solid	9H-Fluoren-9-one *	91.200	J			
P4087-25	NB-614-COMP-05	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	330.000	J			
P4087-25	NB-614-COMP-05	Solid	Benzo[e]pyrene *	410.000	J			
P4087-25	NB-614-COMP-05	Solid	Benzophenone *	110.000	J			
P4087-25	NB-614-COMP-05	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P4087-25	NB-614-COMP-05	Solid	Cyclopenta(def)phenanthrenone *	90.200	J			
P4087-25	NB-614-COMP-05	Solid	Fluoranthene, 2-methyl- *	95.200	J			
P4087-25	NB-614-COMP-05	Solid	Naphthalene, 2-phenyl- *	130.000	J			
P4087-25	NB-614-COMP-05	Solid	Naphtho[1,2-b]thiophene *	80.200	J			
P4087-25	NB-614-COMP-05	Solid	Perylene *	89.000	J			
P4087-25	NB-614-COMP-05	Solid	Phenanthrene, 1-methyl- *	420.000	J			
P4087-25	NB-614-COMP-05	Solid	Phenanthrene, 2,5-dimethyl- *	120.000	J			
P4087-25	NB-614-COMP-05	Solid	Phenanthrene, 2-methyl- *	150.000	J			
P4087-25	NB-614-COMP-05	Solid	Pyrene, 1-methyl- *	74.300	J			

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SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4087-25	NB-614-COMP-05	Solid	unknown11.251	*	74.500	J		
P4087-25	NB-614-COMP-05	Solid	unknown12.480	*	110.000	J		
P4087-25	NB-614-COMP-05	Solid	unknown13.874	*	140.000	J		
Total Tics :				4,030.40				
P4087-25	NB-614-COMP-05	Solid	Acenaphthene	110.000	J	59.8	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Anthracene	240.000		62.3	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Benzo(a)anthracene	630.000		59.5	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Benzo(a)pyrene	610.000		68.6	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Benzo(b)fluoranthene	790.000		59.8	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Benzo(g,h,i)perylene	310.000		59.1	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Benzo(k)fluoranthene	230.000		60.9	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Carbazole	130.000		59.2	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Chrysene	610.000		58.6	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Dibenzo(a,h)anthracene	81.300	J	59.9	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Dibenzofuran	92.400	J	62.3	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Fluoranthene	1,600.000		60.3	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Fluorene	92.000	J	63.1	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Indeno(1,2,3-cd)pyrene	260.000		57.6	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Naphthalene	99.500	J	60.9	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Phenanthrene	1,400.000		62	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Pyrene	1,200.000		61.2	130	ug/Kg
P4087-25	NB-614-COMP-05	Solid	Total PAH	8,262.000		977.4	2080	ug/Kg
Total Svoc :				16,747.20				
Total Concentration:				20,777.60				

Client ID : NB-614-COMP-06

P4087-31	NB-614-COMP-06	Solid	11H-Benzo[a]fluoren-11-one	*	74.600	J		
P4087-31	NB-614-COMP-06	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4087-31	NB-614-COMP-06	Solid	4H-Cyclopenta[def]phenanthrene	*	330.000	J		
P4087-31	NB-614-COMP-06	Solid	7H-Benz[de]anthracen-7-one	*	130.000	J		
P4087-31	NB-614-COMP-06	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	91.400	J		
P4087-31	NB-614-COMP-06	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	86.700	J		
P4087-31	NB-614-COMP-06	Solid	Benzo[e]pyrene	*	170.000	J		
P4087-31	NB-614-COMP-06	Solid	Benzo[j]fluoranthene	*	550.000	J		
P4087-31	NB-614-COMP-06	Solid	Benzophenone	*	89.700	J		
P4087-31	NB-614-COMP-06	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P4087-31	NB-614-COMP-06	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P4087-31	NB-614-COMP-06	Solid	Fluoranthene, 2-methyl-	*	130.000	J		
P4087-31	NB-614-COMP-06	Solid	n-Hexadecanoic acid	*	390.000	J		
P4087-31	NB-614-COMP-06	Solid	Naphthalene, 2-phenyl-	*	89.200	J		
P4087-31	NB-614-COMP-06	Solid	Phenanthrene, 1,7-dimethyl-	*	160.000	J		

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SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4087-31	NB-614-COMP-06	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P4087-31	NB-614-COMP-06	Solid	Pyrene, 1-methyl-	*	110.000	J		
P4087-31	NB-614-COMP-06	Solid	Pyrene, 2-methyl-	*	90.200	J		
P4087-31	NB-614-COMP-06	Solid	unknown10.822	*	71.400	J		
P4087-31	NB-614-COMP-06	Solid	unknown12.486	*	120.000	J		
Total Tics :				4,243.20				
P4087-31	NB-614-COMP-06	Solid	1-Methylnaphthalene	74.900	J	61.7	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	2-Methylnaphthalene	69.800	J	61.2	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Acenaphthene	180.000		60.1	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Acenaphthylene	150.000		64.1	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Anthracene	160.000		62.6	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Benzo(a)anthracene	840.000		59.8	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Benzo(a)pyrene	780.000		68.9	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Benzo(b)fluoranthene	1,000.000		60.1	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Benzo(g,h,i)perylene	400.000		59.4	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Benzo(k)fluoranthene	390.000		61.2	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Carbazole	76.100	J	59.5	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Chrysene	710.000		58.9	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Dibenzo(a,h)anthracene	110.000	J	60.2	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Dibenzofuran	110.000	J	62.6	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Fluoranthene	1,400.000		60.6	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Fluorene	150.000		63.4	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Indeno(1,2,3-cd)pyrene	360.000		57.9	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Phenanthrene	690.000		62.3	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Pyrene	1,100.000		61.5	130	ug/Kg
P4087-31	NB-614-COMP-06	Solid	Total PAH	8,420.000		982.2	2080	ug/Kg
Total Svoc :				17,170.80				
Total Concentration:				21,414.00				
Client ID : NB-614-COMP-09								
P4088-13	NB-614-COMP-09	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P4088-13	NB-614-COMP-09	Solid	6H-Cyclobuta[jk]phenanthrene	*	58.300	J		
P4088-13	NB-614-COMP-09	Solid	Benzophenone	*	340.000	J		
P4088-13	NB-614-COMP-09	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4088-13	NB-614-COMP-09	Solid	Methanone, (1-hydroxycyclohexy	*	54.600	J		
P4088-13	NB-614-COMP-09	Solid	n-Hexadecanoic acid	*	160.000	J		
P4088-13	NB-614-COMP-09	Solid	Pentadecafluorooctanoic acid, oct	*	95.900	J		
P4088-13	NB-614-COMP-09	Solid	Perylene	*	130.000	J		
P4088-13	NB-614-COMP-09	Solid	unknown16.210	*	60.600	J		
Total Tics :				2,549.40				
P4088-13	NB-614-COMP-09	Solid	Benzo(a)anthracene	230.000		60.6	130	ug/Kg

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SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4088-13	NB-614-COMP-09	Solid	Benzo(a)pyrene	220.000		69.8	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Benzo(b)fluoranthene	280.000		60.9	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Benzo(g,h,i)perylene	130.000		60.2	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Benzo(k)fluoranthene	110.000	J	62	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Bis(2-ethylhexyl)phthalate	81.300	J	68.3	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Chrysene	200.000		59.7	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Fluoranthene	390.000		61.4	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	58.7	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Phenanthrene	120.000	J	63.1	130	ug/Kg
P4088-13	NB-614-COMP-09	Solid	Pyrene	300.000		62.3	130	ug/Kg

Total Svoc : 2,171.30

Total Concentration: 4,720.70

Client ID : TR-04-091724

P4090-01	TR-04-091724	Solid	Benzene, 1-methyl-4-(2-propenyl) *	250.000	J			
P4090-01	TR-04-091724	Solid	Benzophenone *	310.000	J			
P4090-01	TR-04-091724	Solid	Butane, 2-methoxy-2-methyl- *	990.000	J			
P4090-01	TR-04-091724	Solid	Dodecane, 2,6,10-trimethyl- *	280.000	J			
P4090-01	TR-04-091724	Solid	Dodecane, 2-methyl-6-propyl- *	470.000	J			
P4090-01	TR-04-091724	Solid	Dodecane, 3-methyl- *	220.000	J			
P4090-01	TR-04-091724	Solid	Eicosane *	620.000	J			
P4090-01	TR-04-091724	Solid	Heneicosane *	770.000	J			
P4090-01	TR-04-091724	Solid	Heptacosane *	390.000	J			
P4090-01	TR-04-091724	Solid	Heptadecane, 2,6,10,15-tetramethyl- *	330.000	J			
P4090-01	TR-04-091724	Solid	Hexadecane *	740.000	J			
P4090-01	TR-04-091724	Solid	Hexadecane, 1-chloro- *	270.000	J			
P4090-01	TR-04-091724	Solid	Naphthalene, 1,2,3,4-tetrahydro-1. *	240.000	J			
P4090-01	TR-04-091724	Solid	Naphthalene, 1,2,3,4-tetrahydro-5. *	260.000	J			
P4090-01	TR-04-091724	Solid	Naphthalene, 2,7-dimethyl- *	270.000	J			
P4090-01	TR-04-091724	Solid	Nonadecane *	1,100.000	J			
P4090-01	TR-04-091724	Solid	Nonadecane, 9-methyl- *	400.000	J			
P4090-01	TR-04-091724	Solid	Tetradecane *	800.000	J			
P4090-01	TR-04-091724	Solid	Tetradecane, 1-iodo- *	380.000	J			
P4090-01	TR-04-091724	Solid	Tridecane *	480.000	J			

Total Tics : 9,570.00

P4090-01	TR-04-091724	Solid	Benzo(a)pyrene	60.700	J	58.9	110	ug/Kg
P4090-01	TR-04-091724	Solid	Benzo(b)fluoranthene	66.800	J	51.4	110	ug/Kg
P4090-01	TR-04-091724	Solid	Chrysene	52.600	J	50.3	110	ug/Kg
P4090-01	TR-04-091724	Solid	Fluoranthene	74.000	J	51.7	110	ug/Kg
P4090-01	TR-04-091724	Solid	Pyrene	86.300	J	52.6	110	ug/Kg

Total Svoc : 340.40

Hit Summary Sheet
SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				9,910.40				
Client ID : RT2299								
P4097-01	RT2299	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P4097-01	RT2299	Solid	4H-Cyclopenta[def]phenanthrene *	280.000	J			
P4097-01	RT2299	Solid	Benzo[e]pyrene *	470.000	J			
P4097-01	RT2299	Solid	Benzophenone *	140.000	J			
P4097-01	RT2299	Solid	Butane, 2-methoxy-2-methyl-	1,200.000	J			
P4097-01	RT2299	Solid	Dodecane, 1-iodo-	230.000	J			
P4097-01	RT2299	Solid	Dodecane, 2-methyl-6-propyl-	180.000	J			
P4097-01	RT2299	Solid	Fluoranthene, 2-methyl-	90.800	J			
P4097-01	RT2299	Solid	Heptadecane *	330.000	J			
P4097-01	RT2299	Solid	Hexadecane *	260.000	J			
P4097-01	RT2299	Solid	Hexadecane, 3-methyl-	630.000	J			
P4097-01	RT2299	Solid	Nonadecane *	170.000	J			
P4097-01	RT2299	Solid	Octadecane *	230.000	J			
P4097-01	RT2299	Solid	Pentadecane *	260.000	J			
P4097-01	RT2299	Solid	Pentadecane, 2,6,10,14-tetramethy *	280.000	J			
P4097-01	RT2299	Solid	Tetradecane, 1-iodo-	200.000	J			
P4097-01	RT2299	Solid	Tridecane *	170.000	J			
P4097-01	RT2299	Solid	Tridecanoic acid *	250.000	J			
P4097-01	RT2299	Solid	unknown10.251 *	97.400	J			
P4097-01	RT2299	Solid	unknown13.880 *	86.900	J			
Total Tics :				5,675.10				
P4097-01	RT2299	Solid	Acenaphthene	110.000	J	59.1	120	ug/Kg
P4097-01	RT2299	Solid	Anthracene	320.000		61.5	120	ug/Kg
P4097-01	RT2299	Solid	Benzo(a)anthracene	740.000		58.8	120	ug/Kg
P4097-01	RT2299	Solid	Benzo(a)pyrene	640.000		67.7	120	ug/Kg
P4097-01	RT2299	Solid	Benzo(b)fluoranthene	790.000		59.1	120	ug/Kg
P4097-01	RT2299	Solid	Benzo(g,h,i)perylene	340.000		58.3	120	ug/Kg
P4097-01	RT2299	Solid	Benzo(k)fluoranthene	310.000		60.2	120	ug/Kg
P4097-01	RT2299	Solid	Carbazole	130.000		58.5	120	ug/Kg
P4097-01	RT2299	Solid	Chrysene	660.000		57.9	120	ug/Kg
P4097-01	RT2299	Solid	Dibenzo(a,h)anthracene	79.200	J	59.2	120	ug/Kg
P4097-01	RT2299	Solid	Fluoranthene	1,700.000		59.5	120	ug/Kg
P4097-01	RT2299	Solid	Fluorene	120.000		62.3	120	ug/Kg
P4097-01	RT2299	Solid	Indeno(1,2,3-cd)pyrene	300.000		56.9	120	ug/Kg
P4097-01	RT2299	Solid	Phenanthrene	1,000.000		61.2	120	ug/Kg
P4097-01	RT2299	Solid	Pyrene	1,400.000		60.5	120	ug/Kg
P4097-01	RT2299	Solid	Total PAH	8,509.000		965.4	1920	ug/Kg
Total Svoc :				17,148.20				

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				22,823.30				
Client ID : HR-01-091724								
P4098-01	HR-01-091724	Solid	4H-Cyclopenta[def]phenanthrene	*	260.000	J		
P4098-01	HR-01-091724	Solid	Anthracene, 2-methyl-	*	370.000	J		
P4098-01	HR-01-091724	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
Total Tics :				2,030.00				
P4098-01	HR-01-091724	Solid	Anthracene		290.000	J	270	540 ug/Kg
P4098-01	HR-01-091724	Solid	Benzo(a)anthracene		500.000	J	260	540 ug/Kg
P4098-01	HR-01-091724	Solid	Benzo(a)pyrene		410.000	J	300	540 ug/Kg
P4098-01	HR-01-091724	Solid	Benzo(b)fluoranthene		540.000		260	540 ug/Kg
P4098-01	HR-01-091724	Solid	Chrysene		460.000	J	250	540 ug/Kg
P4098-01	HR-01-091724	Solid	Fluoranthene		1,200.000		260	540 ug/Kg
P4098-01	HR-01-091724	Solid	Phenanthrene		930.000		270	540 ug/Kg
P4098-01	HR-01-091724	Solid	Pyrene		1,000.000		260	540 ug/Kg
Total Svoc :				5,330.00				
Total Concentration:				7,360.00				
Client ID : HR-04-091724								
P4098-03	HR-04-091724	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	J		
P4098-03	HR-04-091724	Solid	Azuleno(2,1-b)thiophene	*	890.000	J		
P4098-03	HR-04-091724	Solid	Benzo[e]pyrene	*	1,600.000	J		
P4098-03	HR-04-091724	Solid	Butane, 2-methoxy-2-methyl-	*	970.000	J		
P4098-03	HR-04-091724	Solid	Decane, 2,6,7-trimethyl-	*	660.000	J		
P4098-03	HR-04-091724	Solid	Dodecane, 2,7,10-trimethyl-	*	740.000	J		
P4098-03	HR-04-091724	Solid	Heneicosane	*	1,300.000	J		
P4098-03	HR-04-091724	Solid	Heptacosane	*	1,100.000	J		
P4098-03	HR-04-091724	Solid	Heptadecane	*	2,100.000	J		
P4098-03	HR-04-091724	Solid	Heptadecane, 2,6,10,14-tetramethyl-	*	960.000	J		
P4098-03	HR-04-091724	Solid	Hexadecane	*	2,600.000	J		
P4098-03	HR-04-091724	Solid	Naphthalene, 1,2,3,4-tetrahydro-1-	*	610.000	J		
P4098-03	HR-04-091724	Solid	Naphthalene, 2,3-dimethyl-	*	860.000	J		
P4098-03	HR-04-091724	Solid	Nonadecane	*	3,500.000	J		
P4098-03	HR-04-091724	Solid	Octadecane	*	1,400.000	J		
P4098-03	HR-04-091724	Solid	Pentadecane	*	2,500.000	J		
P4098-03	HR-04-091724	Solid	Phenanthrene, 2-methyl-	*	810.000	J		
P4098-03	HR-04-091724	Solid	Tetradecane	*	2,600.000	J		
P4098-03	HR-04-091724	Solid	Tridecane	*	1,800.000	J		
P4098-03	HR-04-091724	Solid	Tridecane, 6-propyl-	*	1,600.000	J		
Total Tics :				30,000.00				
P4098-03	HR-04-091724	Solid	Acenaphthene		480.000	J	250	530 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4098-03	HR-04-091724	Solid	Anthracene	1,500.000		260	530	ug/Kg
P4098-03	HR-04-091724	Solid	Benzo(a)anthracene	3,000.000		250	530	ug/Kg
P4098-03	HR-04-091724	Solid	Benzo(a)pyrene	2,700.000		290	530	ug/Kg
P4098-03	HR-04-091724	Solid	Benzo(b)fluoranthene	3,000.000		250	530	ug/Kg
P4098-03	HR-04-091724	Solid	Benzo(g,h,i)perylene	1,100.000		250	530	ug/Kg
P4098-03	HR-04-091724	Solid	Benzo(k)fluoranthene	1,300.000		260	530	ug/Kg
P4098-03	HR-04-091724	Solid	Chrysene	2,200.000		250	530	ug/Kg
P4098-03	HR-04-091724	Solid	Dibenzo(a,h)anthracene	350.000	J	250	530	ug/Kg
P4098-03	HR-04-091724	Solid	Dibenzofuran	410.000	J	260	530	ug/Kg
P4098-03	HR-04-091724	Solid	Fluoranthene	5,800.000		260	530	ug/Kg
P4098-03	HR-04-091724	Solid	Fluorene	730.000		270	530	ug/Kg
P4098-03	HR-04-091724	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		240	530	ug/Kg
P4098-03	HR-04-091724	Solid	Phenanthrene	4,100.000		260	530	ug/Kg
P4098-03	HR-04-091724	Solid	Pyrene	4,700.000		260	530	ug/Kg
P4098-03	HR-04-091724	Solid	Total PAH	32,060.000		4130	8480	ug/Kg
Total Svoc :				64,530.00				
Total Concentration:				94,530.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 10:15

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	PB163403BL	78626	6.88	300029	8.16	177056	9.91
02	PB163403BS	73012	6.88	274745	8.16	154775	9.92
03	PB163323BL	79123	6.88	308020	8.16	177714	9.91
04	PB163323BS	75057	6.88	287593	8.16	158512	9.92
05	PB163372BL	74733	6.88	282623	8.16	163549	9.91
06	PB163372BS	75483	6.88	282399	8.16	155789	9.92
07	SW-2-TANK17	71549	6.88	263265	8.16	147679	9.91
08	SW-3-TANK17	69988	6.88	263075	8.16	147573	9.91
09	P-1-TANK17	71434	6.88	266526	8.16	150576	9.91
10	B-1-TANK17	72138	6.88	274413	8.16	149302	9.91
11	PB163486BL	73285	6.88	273770	8.16	157058	9.91
12	WC-S-08-202409	59533	6.88	221899	8.16	123741	9.91
13	WC-A-08-202409	60436	6.88	226595	8.16	127416	9.91
14	COMP-2	57956	6.88	214558	8.16	119612	9.91
15	WC-A-COMPDL	66918	6.88	251794	8.16	133484	9.91
16	B-2-TANK17	62898	6.88	235737	8.16	128038	9.91
17	CHA-1-TANK17	57617	6.88	219244	8.16	115847	9.91
18	TP-9	60610	6.88	222271	8.16	113002	9.91
19	CONCRETE-TP-9	65858	6.88	235066	8.16	112290	9.91
20	TP-5	64991	6.88	223054	8.16	103470	9.91
21	NB-614-COMP-01	60235	6.88	211033	8.16	95135	9.91
22	NB-614-COMP-05	52636	6.88	182368	8.16	81259	9.91
23	NB-614-COMP-06	63860	6.88	224403	8.16	99483	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 23:07

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	52723	6.881	182509	8.16	98703	9.92
UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
EPA SAMPLE NO.						
24 SOIL	61101	6.88	215197	8.16	96090	9.91
25 NB-614-COMP-09	61195	6.88	209586	8.16	95074	9.91
26 OR-03-09162024	65817	6.88	211617	8.16	95237	9.91
27 DN-B-34B	57944	6.88	188539	8.16	84308	9.91
28 TP-1	65154	6.88	212113	8.16	94196	9.91
29 WC-B-COMP	60989	6.88	201718	8.16	90433	9.91
30 TR-04-091724	58177	6.88	183501	8.16	81354	9.91
31 RT2299	54345	6.88	176890	8.16	77557	9.91
32 HR-01-091724	53983	6.88	170204	8.16	78764	9.91
33 HR-04-091724	51000	6.88	168609	8.16	77272	9.92

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT 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.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139416.D Time Analyzed: 10:15

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	76865	6.881	276321	8.16	158632	9.92
UPPER LIMIT	153730	7.381	552642	8.663	317264	10.416
LOWER LIMIT	38432.5	6.381	138160.5	7.663	79316	9.416
EPA SAMPLE NO.						
01 PB163403BL	78626	6.88	300029	8.16	177056	9.91
02 PB163403BS	73012	6.88	274745	8.16	154775	9.92
03 PB163323BL	79123	6.88	308020	8.16	177714	9.91
04 PB163323BS	75057	6.88	287593	8.16	158512	9.92
05 PB163372BL	74733	6.88	282623	8.16	163549	9.91
06 PB163372BS	75483	6.88	282399	8.16	155789	9.92
07 SW-2-TANK17	71549	6.88	263265	8.16	147679	9.91
08 SW-3-TANK17	69988	6.88	263075	8.16	147573	9.91
09 P-1-TANK17	71434	6.88	266526	8.16	150576	9.91
10 B-1-TANK17	72138	6.88	274413	8.16	149302	9.91

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139428.D Time Analyzed: 16:49

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	78159	6.881	276113	8.16	150181	9.92
	UPPER LIMIT	156318	7.381	552226	8.663	300362	10.416
	LOWER LIMIT	39079.5	6.381	138056.5	7.663	75090.5	9.416
	EPA SAMPLE NO.						
01	PB163486BL	73285	6.88	273770	8.16	157058	9.91
02	WC-S-08-202409	59533	6.88	221899	8.16	123741	9.91
03	WC-A-08-202409	60436	6.88	226595	8.16	127416	9.91
04	COMP-2	57956	6.88	214558	8.16	119612	9.91
05	WC-A-COMPDL	66918	6.88	251794	8.16	133484	9.91
06	B-2-TANK17	62898	6.88	235737	8.16	128038	9.91
07	CHA-1-TANK17	57617	6.88	219244	8.16	115847	9.91
08	TP-9	60610	6.88	222271	8.16	113002	9.91
09	CONCRETE-TP-9	65858	6.88	235066	8.16	112290	9.91
10	TP-5	64991	6.88	223054	8.16	103470	9.91
11	NB-614-COMP-01	60235	6.88	211033	8.16	95135	9.91
12	NB-614-COMP-05	52636	6.88	182368	8.16	81259	9.91
13	NB-614-COMP-06	63860	6.88	224403	8.16	99483	9.91
14	SOIL	61101	6.88	215197	8.16	96090	9.91
15	NB-614-COMP-09	61195	6.88	209586	8.16	95074	9.91
16	OR-03-09162024	65817	6.88	211617	8.16	95237	9.91
17	DN-B-34B	57944	6.88	188539	8.16	84308	9.91
18	TP-1	65154	6.88	212113	8.16	94196	9.91
19	WC-B-COMP	60989	6.88	201718	8.16	90433	9.91
20	TR-04-091724	58177	6.88	183501	8.16	81354	9.91
21	RT2299	54345	6.88	176890	8.16	77557	9.91
22	HR-01-091724	53983	6.88	170204	8.16	78764	9.91
23	HR-04-091724	51000	6.88	168609	8.16	77272	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

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

Lab File ID: BF139428.D Time Analyzed: 03:22

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	78159	6.881	276113	8.16	150181	9.92
UPPER LIMIT	156318	7.381	552226	8.663	300362	10.416
LOWER LIMIT	39079.5	6.381	138056.5	7.663	75090.5	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 10:15

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	PB163403BL	339019	11.40	222360 *	14.03	164675	15.50
02	PB163403BS	284115	11.40	145851	14.03	132795	15.50
03	PB163323BL	338745	11.40	220600 *	14.03	164755	15.50
04	PB163323BS	293215	11.40	152013	14.04	140463	15.50
05	PB163372BL	313440	11.40	197886	14.03	144410	15.50
06	PB163372BS	284295	11.40	147073	14.04	135838	15.50
07	SW-2-TANK17	256180	11.40	117210	14.03	132485	15.50
08	SW-3-TANK17	249192	11.40	116239	14.03	133787	15.50
09	P-1-TANK17	255604	11.39	114291	14.03	136932	15.50
10	B-1-TANK17	247633	11.39	117181	14.03	135289	15.50
11	PB163486BL	304278	11.39	175418	14.03	138455	15.50
12	WC-S-08-202409	229252	11.39	101047	14.03	121156	15.50
13	WC-A-08-202409	232750	11.39	105843	14.03	127244	15.50
14	COMP-2	223917	11.39	102605	14.03	124328	15.50
15	WC-A-COMPDL	223401	11.39	121358	14.03	139149	15.50
16	B-2-TANK17	208556	11.40	117824	14.03	129892	15.50
17	CHA-1-TANK17	188288	11.39	103467	14.03	114840	15.50
18	TP-9	165240	11.39	102243	14.03	110824	15.50
19	CONCRETE-TP-9	168743	11.39	119529	14.03	93334	15.50
20	TP-5	162778	11.39	106663	14.03	81450	15.50
21	NB-614-COMP-01	153467	11.40	103029	14.03	78617	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 22:09

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	194097	11.398	109489	14.033	106513	15.498
UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
EPA SAMPLE NO.						
22 NB-614-COMP-05	126254	11.40	91775	14.03	69926	15.50
23 NB-614-COMP-06	158292	11.40	106928	14.03	84888	15.50
24 SOIL	153645	11.40	103125	14.03	77805	15.50
25 NB-614-COMP-09	150241	11.39	104422	14.03	80936	15.50
26 OR-03-09162024	166015	11.39	108868	14.03	84283	15.50
27 DN-B-34B	147668	11.40	95829	14.03	77582	15.50
28 TP-1	160811	11.40	104428	14.03	83716	15.50
29 WC-B-COMP	160262	11.40	96609	14.04	78415	15.51
30 TR-04-091724	146174	11.40	92515	14.03	75546	15.50
31 RT2299	140730	11.40	87116	14.03	73760	15.50
32 HR-01-091724	146970	11.40	84994	14.03	68040	15.50
33 HR-04-091724	138526	11.40	82690	14.03	68239	15.51

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.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139416.D Time Analyzed: 10:15

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	286086	11.398	148789	14.033	133546	15.504
UPPER LIMIT	572172	11.898	297578	14.533	267092	16.004
LOWER LIMIT	143043	10.898	74394.5	13.533	66773	15.004
EPA SAMPLE NO.						
01 PB163403BL	339019	11.40	222360	14.03	164675	15.50
02 PB163403BS	284115	11.40	145851	14.03	132795	15.50
03 PB163323BL	338745	11.40	220600	14.03	164755	15.50
04 PB163323BS	293215	11.40	152013	14.04	140463	15.50
05 PB163372BL	313440	11.40	197886	14.03	144410	15.50
06 PB163372BS	284295	11.40	147073	14.04	135838	15.50
07 SW-2-TANK17	256180	11.40	117210	14.03	132485	15.50
08 SW-3-TANK17	249192	11.40	116239	14.03	133787	15.50
09 P-1-TANK17	255604	11.39	114291	14.03	136932	15.50
10 B-1-TANK17	247633	11.39	117181	14.03	135289	15.50

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BF139428.D Time Analyzed: 16:49

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	267231	11.398	131643	14.033	136086	15.498
	UPPER LIMIT	534462	11.898	263286	14.533	272172	15.998
	LOWER LIMIT	133615.5	10.898	65821.5	13.533	68043	14.998
	EPA SAMPLE NO.						
01	PB163486BL	304278	11.39	175418	14.03	138455	15.50
02	WC-S-08-202409	229252	11.39	101047	14.03	121156	15.50
03	WC-A-08-202409	232750	11.39	105843	14.03	127244	15.50
04	COMP-2	223917	11.39	102605	14.03	124328	15.50
05	WC-A-COMPDL	223401	11.39	121358	14.03	139149	15.50
06	B-2-TANK17	208556	11.40	117824	14.03	129892	15.50
07	CHA-1-TANK17	188288	11.39	103467	14.03	114840	15.50
08	TP-9	165240	11.39	102243	14.03	110824	15.50
09	CONCRETE-TP-9	168743	11.39	119529	14.03	93334	15.50
10	TP-5	162778	11.39	106663	14.03	81450	15.50
11	NB-614-COMP-01	153467	11.40	103029	14.03	78617	15.50
12	NB-614-COMP-05	126254 *	11.40	91775	14.03	69926	15.50
13	NB-614-COMP-06	158292	11.40	106928	14.03	84888	15.50
14	SOIL	153645	11.40	103125	14.03	77805	15.50
15	NB-614-COMP-09	150241	11.39	104422	14.03	80936	15.50
16	OR-03-09162024	166015	11.39	108868	14.03	84283	15.50
17	DN-B-34B	147668	11.40	95829	14.03	77582	15.50
18	TP-1	160811	11.40	104428	14.03	83716	15.50
19	WC-B-COMP	160262	11.40	96609	14.04	78415	15.51
20	TR-04-091724	146174	11.40	92515	14.03	75546	15.50
21	RT2299	140730	11.40	87116	14.03	73760	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091824 SAS No.: BF091824 SDG NO.: BF091824

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

Lab File ID: BF139428.D Time Analyzed: 02:54

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	267231	11.398	131643	14.033	136086	15.498
UPPER LIMIT	534462	11.898	263286	14.533	272172	15.998
LOWER LIMIT	133615.5	10.898	65821.5	13.533	68043	14.998
EPA SAMPLE NO.						
22 HR-01-091724	146970	11.40	84994	14.03	68040 *	15.50
23 HR-04-091724	138526	11.40	82690	14.03	68239	15.51

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163323BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	420	ug/Kg	25				10	133	
	Aniline	1700	1600	ug/Kg	94				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1300	ug/Kg	76				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	750	ug/Kg	44				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5500	ug/Kg	167		*		45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	920	ug/Kg	54				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	24500	ug/Kg	90				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163323BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	2900	ug/Kg	85				60	106		
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106		
	Diethylphthalate	1700	1500	ug/Kg	88				60	101		
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98		
	Fluorene	1700	1400	ug/Kg	82				61	101		
	4-Nitroaniline	1700	1300	ug/Kg	76				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99		
	Azobenzene	1700	1500	ug/Kg	88				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	2100	ug/Kg	124				47	152		
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	2300	ug/Kg	70				10	98		
	Pyrene	1700	1700	ug/Kg	100				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102		
	Chrysene	1700	1500	ug/Kg	88				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135		
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109		
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163372BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	480	ug/Kg	28				10	133	
	Aniline	1700	1700	ug/Kg	100				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25200	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163372BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	3000	ug/Kg	88				60	106	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	2200	ug/Kg	129				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	2500	ug/Kg	76				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163403BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	490	ug/Kg	29				10	133	
	Aniline	1700	1800	ug/Kg	106		*		38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1200	ug/Kg	71				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25300	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163403BS	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3000	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	2500	ug/Kg	76				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163323BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091824

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139419.D

Lab Sample ID: PB163323BL

Instrument ID: BNA_F

Date Extracted: 09/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 11:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163323BS	PB163323BS	BF139420.D	09/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163372BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091824

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139421.D

Lab Sample ID: PB163372BL

Instrument ID: BNA_F

Date Extracted: 09/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 12:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163372BS	PB163372BS	BF139422.D	09/18/2024
WC-B-COMP	P3984-04	BF139447.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163403BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091824

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139417.D

Lab Sample ID: PB163403BL

Instrument ID: BNA_F

Date Extracted: 09/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 10:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163403BS	PB163403BS	BF139418.D	09/18/2024
DN-B-34B	P4009-01	BF139445.D	09/19/2024
TP-1	P4002-01	BF139446.D	09/19/2024
TP-5	P4002-07	BF139438.D	09/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-2-TANK17

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091824

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139434.D

Lab Sample ID: P4015-02

Instrument ID: BNA_F

Date Extracted: 09/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 19:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-2-TANK17	P4015-02	BF139434.D	09/18/2024
CHA-1-TANK17	P4015-07	BF139435.D	09/18/2024
TP-9	P4023-01	BF139436.D	09/18/2024
CONCRETE-TP-9	P4023-03	BF139437.D	09/18/2024
SW-2-TANK17	P4015-04	BF139423.D	09/18/2024
SW-3-TANK17	P4015-05	BF139424.D	09/18/2024
P-1-TANK17	P4015-06	BF139425.D	09/18/2024
B-1-TANK17	P4015-01	BF139426.D	09/18/2024
OR-03-09162024	P4014-01	BF139444.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163486BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091824

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139429.D

Lab Sample ID: PB163486BL

Instrument ID: BNA_F

Date Extracted: 09/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 16:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
NB-614-COMP-01	P4087-01	BF139439.D	09/18/2024
NB-614-COMP-05	P4087-25	BF139440.D	09/18/2024
NB-614-COMP-06	P4087-31	BF139441.D	09/18/2024
SOIL	P4086-01	BF139442.D	09/18/2024
NB-614-COMP-09	P4088-13	BF139443.D	09/18/2024
TR-04-091724	P4090-01	BF139448.D	09/19/2024
RT2299	P4097-01	BF139449.D	09/19/2024
HR-01-091724	P4098-01	BF139450.D	09/19/2024
HR-04-091724	P4098-03	BF139451.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-S-08-202409

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091824

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139430.D

Lab Sample ID: P4030-03

Instrument ID: BNA_F

Date Extracted: 09/18/2024

Matrix: (soil/water) water

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 17:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-S-08-202409	P4030-03	BF139430.D	09/18/2024
WC-A-08-202409	P4030-02	BF139431.D	09/18/2024
COMP-2	P4085-04	BF139432.D	09/18/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163323BL	PB163323BL	BF139419.D	2-Fluorophenol	150	108.43	72		18	112
			Phenol-d6	150	107.79	72		15	107
			Nitrobenzene-d5	100	72.54	73		18	107
			2-Fluorobiphenyl	100	70.80	71		20	109
			2,4,6-Tribromophenol	150	104.10	69		10	116
			Terphenyl-d14	100	78.69	79		10	105
PB163323BS	PB163323BS	BF139420.D	2-Fluorophenol	150	123.75	83		18	112
			Phenol-d6	150	122.21	81		15	107
			Nitrobenzene-d5	100	82.76	83		18	107
			2-Fluorobiphenyl	100	83.73	84		20	109
			2,4,6-Tribromophenol	150	123.38	82		10	116
			Terphenyl-d14	100	98.41	98		10	105

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3984-01DL	WC-A-COMPDL	BF139433.D	2-Fluorophenol	150	98.54	66		18	112
			Phenol-d6	150	102.08	68		15	107
			Nitrobenzene-d5	100	67.84	68		18	107
			2-Fluorobiphenyl	100	75.91	76		20	109
			2,4,6-Tribromophenol	150	82.28	55		10	116
			Terphenyl-d14	100	70.33	70		10	105
P3984-04	WC-B-COMP	BF139447.D	2-Fluorophenol	150	86.23	57		18	112
			Phenol-d6	150	83.41	56		15	107
			Nitrobenzene-d5	100	61.88	62		18	107
			2-Fluorobiphenyl	100	68.20	68		20	109
			2,4,6-Tribromophenol	150	78.61	52		10	116
			Terphenyl-d14	100	72.50	72		10	105
PB163372BL	PB163372BL	BF139421.D	2-Fluorophenol	150	138.25	92		18	112
			Phenol-d6	150	137.99	92		15	107
			Nitrobenzene-d5	100	93.55	94		18	107
			2-Fluorobiphenyl	100	91.51	92		20	109
			2,4,6-Tribromophenol	150	132.45	88		10	116
			Terphenyl-d14	100	99.74	100		10	105
PB163372BS	PB163372BS	BF139422.D	2-Fluorophenol	150	127.90	85		18	112
			Phenol-d6	150	129.81	87		15	107
			Nitrobenzene-d5	100	89.83	90		18	107
			2-Fluorobiphenyl	100	91.20	91		20	109
			2,4,6-Tribromophenol	150	133.00	89		10	116
			Terphenyl-d14	100	106.04	106	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4002-01	TP-1	BF139446.D	2-Fluorophenol	150	78.02	52		18	112
			Phenol-d6	150	75.69	50		15	107
			Nitrobenzene-d5	100	55.93	56		18	107
			2-Fluorobiphenyl	100	59.93	60		20	109
			2,4,6-Tribromophenol	150	69.41	46		10	116
			Terphenyl-d14	100	57.39	57		10	105
P4002-07	TP-5	BF139438.D	2-Fluorophenol	150	90.59	60		18	112
			Phenol-d6	150	90.32	60		15	107
			Nitrobenzene-d5	100	65.46	65		18	107
			2-Fluorobiphenyl	100	68.76	69		20	109
			2,4,6-Tribromophenol	150	76.09	51		10	116
			Terphenyl-d14	100	61.53	62		10	105
P4009-01	DN-B-34B	BF139445.D	2-Fluorophenol	150	102.36	68		18	112
			Phenol-d6	150	99.04	66		15	107
			Nitrobenzene-d5	100	76.68	77		18	107
			2-Fluorobiphenyl	100	80.44	80		20	109
			2,4,6-Tribromophenol	150	96.09	64		10	116
			Terphenyl-d14	100	75.97	76		10	105
PB163403BL	PB163403BL	BF139417.D	2-Fluorophenol	150	108.91	73		18	112
			Phenol-d6	150	107.36	72		15	107
			Nitrobenzene-d5	100	73.66	74		18	107
			2-Fluorobiphenyl	100	70.78	71		20	109
			2,4,6-Tribromophenol	150	104.40	70		10	116
			Terphenyl-d14	100	77.52	78		10	105
PB163403BS	PB163403BS	BF139418.D	2-Fluorophenol	150	130.24	87		18	112
			Phenol-d6	150	133.05	89		15	107
			Nitrobenzene-d5	100	90.42	90		18	107
			2-Fluorobiphenyl	100	89.65	90		20	109
			2,4,6-Tribromophenol	150	132.81	89		10	116
			Terphenyl-d14	100	107.55	108	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4014-01	OR-03-09162024	BF139444.D	2-Fluorophenol	150	99.29	66		18	112
			Phenol-d6	150	94.23	63		15	107
			Nitrobenzene-d5	100	71.18	71		18	107
			2-Fluorobiphenyl	100	79.97	80		20	109
			2,4,6-Tribromophenol	150	82.90	55		10	116
			Terphenyl-d14	100	79.80	80		10	105
P4015-01	B-1-TANK17	BF139426.D	2-Fluorophenol	150	96.29	64		18	112
			Phenol-d6	150	97.35	65		15	107
			Nitrobenzene-d5	100	66.53	67		18	107
			2-Fluorobiphenyl	100	65.75	66		20	109
			2,4,6-Tribromophenol	150	89.08	59		10	116
			Terphenyl-d14	100	64.46	64		10	105
P4015-02	B-2-TANK17	BF139434.D	2-Fluorophenol	150	107.82	72		18	112
			Phenol-d6	150	109.01	73		15	107
			Nitrobenzene-d5	100	73.30	73		18	107
			2-Fluorobiphenyl	100	69.98	70		20	109
			2,4,6-Tribromophenol	150	96.83	65		10	116
			Terphenyl-d14	100	62.06	62		10	105
P4015-04	SW-2-TANK17	BF139423.D	2-Fluorophenol	150	83.09	55		18	112
			Phenol-d6	150	84.96	57		15	107
			Nitrobenzene-d5	100	59.27	59		18	107
			2-Fluorobiphenyl	100	59.09	59		20	109
			2,4,6-Tribromophenol	150	84.78	57		10	116
			Terphenyl-d14	100	70.73	71		10	105
P4015-05	SW-3-TANK17	BF139424.D	2-Fluorophenol	150	94.24	63		18	112
			Phenol-d6	150	95.53	64		15	107
			Nitrobenzene-d5	100	66.07	66		18	107
			2-Fluorobiphenyl	100	65.15	65		20	109
			2,4,6-Tribromophenol	150	89.27	60		10	116
			Terphenyl-d14	100	70.07	70		10	105
P4015-06	P-1-TANK17	BF139425.D	2-Fluorophenol	150	83.41	56		18	112
			Phenol-d6	150	84.94	57		15	107
			Nitrobenzene-d5	100	58.17	58		18	107
			2-Fluorobiphenyl	100	57.56	58		20	109
			2,4,6-Tribromophenol	150	80.19	53		10	116
			Terphenyl-d14	100	63.92	64		10	105
P4015-07	CHA-1-TANK17	BF139435.D	2-Fluorophenol	150	92.99	62		18	112
			Phenol-d6	150	92.94	62		15	107
			Nitrobenzene-d5	100	61.78	62		18	107
			2-Fluorobiphenyl	100	61.22	61		20	109
			2,4,6-Tribromophenol	150	77.21	51		10	116
			Terphenyl-d14	100	52.74	53		10	105
P4023-01	TP-9	BF139436.D	2-Fluorophenol	150	101.08	67		18	112
			Phenol-d6	150	106.27	71		15	107
			Nitrobenzene-d5	100	72.22	72		18	107
			2-Fluorobiphenyl	100	73.79	74		20	109
			2,4,6-Tribromophenol	150	84.02	56		10	116
			Terphenyl-d14	100	61.18	61		10	105
P4023-03	CONCRETE-TP-9	BF139437.D	2-Fluorophenol	150	66.49	44		18	112

Surrogate Summary

SW-846

SDG No.: BF091824

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4023-03	CONCRETE-TP-9	BF139437.D	Phenol-d6	150	86.05	57		15	107
			Nitrobenzene-d5	100	66.86	67		18	107
			2-Fluorobiphenyl	100	73.13	73		20	109
			2,4,6-Tribromophenol	150	46.42	31		10	116
			Terphenyl-d14	100	63.70	64		10	105

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4086-01	SOIL	BF139442.D	2-Fluorophenol	150	101.68	68		18	112
			Phenol-d6	150	101.02	67		15	107
			Nitrobenzene-d5	100	74.38	74		18	107
			2-Fluorobiphenyl	100	78.62	79		20	109
			2,4,6-Tribromophenol	150	83.57	56		10	116
			Terphenyl-d14	100	67.99	68		10	105
P4087-01	NB-614-COMP-01	BF139439.D	2-Fluorophenol	150	72.21	48		18	112
			Phenol-d6	150	74.92	50		15	107
			Nitrobenzene-d5	100	54.00	54		18	107
			2-Fluorobiphenyl	100	61.15	61		20	109
			2,4,6-Tribromophenol	150	63.94	43		10	116
			Terphenyl-d14	100	54.43	54		10	105
P4087-25	NB-614-COMP-05	BF139440.D	2-Fluorophenol	150	85.42	57		18	112
			Phenol-d6	150	87.76	59		15	107
			Nitrobenzene-d5	100	63.23	63		18	107
			2-Fluorobiphenyl	100	67.50	67		20	109
			2,4,6-Tribromophenol	150	72.52	48		10	116
			Terphenyl-d14	100	50.06	50		10	105
P4087-31	NB-614-COMP-06	BF139441.D	2-Fluorophenol	150	83.57	56		18	112
			Phenol-d6	150	85.87	57		15	107
			Nitrobenzene-d5	100	58.94	59		18	107
			2-Fluorobiphenyl	100	63.34	63		20	109
			2,4,6-Tribromophenol	150	72.54	48		10	116
			Terphenyl-d14	100	52.16	52		10	105
P4088-13	NB-614-COMP-09	BF139443.D	2-Fluorophenol	150	92.93	62		18	112
			Phenol-d6	150	94.81	63		15	107
			Nitrobenzene-d5	100	71.40	71		18	107
			2-Fluorobiphenyl	100	74.99	75		20	109
			2,4,6-Tribromophenol	150	77.83	52		10	116
			Terphenyl-d14	100	60.36	60		10	105
P4090-01	TR-04-091724	BF139448.D	2-Fluorophenol	150	80.11	53		18	112
			Phenol-d6	150	75.79	51		15	107
			Nitrobenzene-d5	100	57.14	57		18	107
			2-Fluorobiphenyl	100	60.04	60		20	109
			2,4,6-Tribromophenol	150	71.73	48		10	116
			Terphenyl-d14	100	62.31	62		10	105
P4097-01	RT2299	BF139449.D	2-Fluorophenol	150	83.48	56		18	112
			Phenol-d6	150	79.87	53		15	107
			Nitrobenzene-d5	100	57.98	58		18	107
			2-Fluorobiphenyl	100	54.49	54		20	109
			2,4,6-Tribromophenol	150	77.38	52		10	116
			Terphenyl-d14	100	56.30	56		10	105
P4098-01	HR-01-091724	BF139450.D	2-Fluorophenol	150	87.73	58		18	112
			Phenol-d6	150	82.39	55		15	107
			Nitrobenzene-d5	100	60.26	60		18	107
			2-Fluorobiphenyl	100	67.94	68		20	109
			2,4,6-Tribromophenol	150	76.56	51		10	116
			Terphenyl-d14	100	74.77	75		10	105
P4098-03	HR-04-091724	BF139451.D	2-Fluorophenol	150	68.40	46		18	112

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4098-03	HR-04-091724	BF139451.D	Phenol-d6	150	64.18	43		15	107
			Nitrobenzene-d5	100	46.69	47		18	107
			2-Fluorobiphenyl	100	50.51	51		20	109
			2,4,6-Tribromophenol	150	56.85	38		10	116
			Terphenyl-d14	100	55.14	55		10	105
PB163486BL	PB163486BL	BF139429.D	2-Fluorophenol	150	131.91	88		18	112
			Phenol-d6	150	131.94	88		15	107
			Nitrobenzene-d5	100	91.83	92		18	107
			2-Fluorobiphenyl	100	91.60	92		20	109
			2,4,6-Tribromophenol	150	128.29	86		10	116
			Terphenyl-d14	100	102.85	103		10	105

Surrogate Summary

SW-846

SDG No.: **BF091824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4030-02	WC-A-08-202409	BF139431.D	2-Fluorophenol	150	133.64	89		10	139
			Phenol-d6	150	123.49	82		10	134
			Nitrobenzene-d5	100	101.99	102		49	133
			2-Fluorobiphenyl	100	97.38	97		52	132
			2,4,6-Tribromophenol	150	149.96	100		44	137
			Terphenyl-d14	100	134.11	134	*	48	125
P4030-03	WC-S-08-202409	BF139430.D	2-Fluorophenol	150	142.27	95		10	139
			Phenol-d6	150	132.58	88		10	134
			Nitrobenzene-d5	100	107.96	108		49	133
			2-Fluorobiphenyl	100	105.38	105		52	132
			2,4,6-Tribromophenol	150	159.23	106		44	137
			Terphenyl-d14	100	138.27	138	*	48	125
P4085-04	COMP-2	BF139432.D	2-Fluorophenol	150	135.50	90		10	139
			Phenol-d6	150	123.94	83		10	134
			Nitrobenzene-d5	100	101.89	102		49	133
			2-Fluorobiphenyl	100	98.64	99		52	132
			2,4,6-Tribromophenol	150	151.85	101		44	137
			Terphenyl-d14	100	133.25	133	*	48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091824

Lab Code: CHEM

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139415.D

DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.2
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	40.9
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.7
442	Greater than 50% of mass 198	89.8
443	15.0 - 24.0% of mass 442	18.2 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139416.D	09/18/2024	09:47
PB163403BL	PB163403BL	BF139417.D	09/18/2024	10:15
PB163403BS	PB163403BS	BF139418.D	09/18/2024	10:43
PB163323BL	PB163323BL	BF139419.D	09/18/2024	11:11
PB163323BS	PB163323BS	BF139420.D	09/18/2024	11:39
PB163372BL	PB163372BL	BF139421.D	09/18/2024	12:08
PB163372BS	PB163372BS	BF139422.D	09/18/2024	12:36
SW-2-TANK17	P4015-04	BF139423.D	09/18/2024	13:21
SW-3-TANK17	P4015-05	BF139424.D	09/18/2024	13:49
P-1-TANK17	P4015-06	BF139425.D	09/18/2024	14:17
B-1-TANK17	P4015-01	BF139426.D	09/18/2024	14:45

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091824

Lab Code: CHEM

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139427.D

DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.1
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	18.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139428.D	09/18/2024	16:20
PB163486BL	PB163486BL	BF139429.D	09/18/2024	16:49
WC-S-08-202409	P4030-03	BF139430.D	09/18/2024	17:24
WC-A-08-202409	P4030-02	BF139431.D	09/18/2024	17:52
COMP-2	P4085-04	BF139432.D	09/18/2024	18:21
WC-A-COMPDL	P3984-01DL	BF139433.D	09/18/2024	18:50
B-2-TANK17	P4015-02	BF139434.D	09/18/2024	19:18
CHA-1-TANK17	P4015-07	BF139435.D	09/18/2024	19:47
TP-9	P4023-01	BF139436.D	09/18/2024	20:16
CONCRETE-TP-9	P4023-03	BF139437.D	09/18/2024	20:44
TP-5	P4002-07	BF139438.D	09/18/2024	21:12
NB-614-COMP-01	P4087-01	BF139439.D	09/18/2024	21:41
NB-614-COMP-05	P4087-25	BF139440.D	09/18/2024	22:09
NB-614-COMP-06	P4087-31	BF139441.D	09/18/2024	22:38
SOIL	P4086-01	BF139442.D	09/18/2024	23:07
NB-614-COMP-09	P4088-13	BF139443.D	09/18/2024	23:35
OR-03-09162024	P4014-01	BF139444.D	09/19/2024	00:03
DN-B-34B	P4009-01	BF139445.D	09/19/2024	00:32

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091824

Lab Code: CHEM

SAS No.: BF091824 SDG NO.: BF091824

Lab File ID: BF139427.D

DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.1
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	18.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
TP-1	P4002-01	BF139446.D	09/19/2024	01:00
WC-B-COMP	P3984-04	BF139447.D	09/19/2024	01:29
TR-04-091724	P4090-01	BF139448.D	09/19/2024	01:57
RT2299	P4097-01	BF139449.D	09/19/2024	02:26
HR-01-091724	P4098-01	BF139450.D	09/19/2024	02:54
HR-04-091724	P4098-03	BF139451.D	09/19/2024	03:22