

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG No.: BP081524

Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:09:10

Lab File ID: BP021506.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.536	0.553		3.172	
Pyridine	1.783	1.777		-0.337	
2-Fluorophenol	1.347	1.360		0.965	
Benzaldehyde	1.258	1.093		-13.116	
Aniline	1.964	1.903		-3.106	
Phenol-d6	1.965	1.954		-0.56	
Phenol	2.035	2.006		-1.425	20.0
bis(2-Chloroethyl) ether	1.722	1.684		-2.207	
2-Chlorophenol	1.245	1.275		2.41	
1,2-Dichlorobenzene	1.439	1.412		-1.876	
1,3-Dichlorobenzene	1.479	1.461		-1.217	
1,4-Dichlorobenzene	1.493	1.481		-0.804	20.0
Benzyl Alcohol	1.410	1.397		-0.922	
2-Methylphenol	1.286	1.280		-0.467	
2,2-oxybis(1-Chloropropane)	1.585	1.573		-0.757	
Acetophenone	0.614	0.595		-3.094	
3+4-Methylphenols	1.734	1.742		0.461	
n-Nitroso-di-n-propylamine	1.357	1.291	0.050	-4.864	
Nitrobenzene-d5	0.387	0.432		11.628	
Hexachloroethane	0.599	0.620		3.506	
Nitrobenzene	0.421	0.455		8.076	
Isophorone	0.915	0.879		-3.934	
2-Nitrophenol	0.086	0.109		26.744	20.0
2,4-Dimethylphenol	0.226	0.225		-0.442	
bis(2-Chloroethoxy) methane	0.559	0.551		-1.431	
2,4-Dichlorophenol	0.267	0.283		5.993	20.0
1,2,4-Trichlorobenzene	0.342	0.339		-0.877	
Benzoic acid	0.137	0.162		18.248	
Naphthalene	1.045	1.026		-1.818	
4-Chloroaniline	0.392	0.394		0.51	
Hexachlorobutadiene	0.215	0.215		0.0	20.0
Caprolactam	0.111	0.117		5.405	
4-Chloro-3-methylphenol	0.370	0.386		4.324	20.0
2-Methylnaphthalene	0.713	0.699		-1.964	
Hexachlorocyclopentadiene	0.186	0.181	0.050	-2.688	
2,4,6-Trichlorophenol	0.326	0.342		4.908	20.0
2-Fluorobiphenyl	1.310	1.280		-2.29	
2,4,5-Trichlorophenol	0.362	0.395		9.116	
1,1-Biphenyl	1.415	1.392		-1.625	

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Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:09:10

Lab File ID: BP021506.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	1.069		-2.995	
2-Nitroaniline	0.256	0.325		26.953	
Dimethylphthalate	1.339	1.352		0.971	
Acenaphthylene	1.619	1.599		-1.235	
2,6-Dinitrotoluene	0.232	0.283		21.983	
3-Nitroaniline	0.228	0.290		27.193	
Acenaphthene	1.063	1.055		-0.753	20.0
2,4-Dinitrophenol	0.069	0.081	0.050	17.391	
4-Nitrophenol	0.195	0.234	0.050	20.0	
Dibenzofuran	1.635	1.634		-0.061	
2,4-Dinitrotoluene	0.284	0.373		31.338	
Diethylphthalate	1.374	1.421		3.421	
4-Chlorophenyl-phenylether	0.694	0.687		-1.009	
Fluorene	1.343	1.338		-0.372	
4-Nitroaniline	0.241	0.306		26.971	
4,6-Dinitro-2-methylphenol	0.054	0.062		14.815	
n-Nitrosodiphenylamine	0.536	0.520		-2.985	20.0
Azobenzene	1.689	1.709		1.184	
2,4,6-Tribromophenol	0.223	0.220		-1.345	
4-Bromophenyl-phenylether	0.212	0.189		-10.849	
Hexachlorobenzene	0.250	0.242		-3.2	
Atrazine	0.184	0.174		-5.435	
Pentachlorophenol	0.137	0.144		5.109	20.0
Phenanthrene	0.962	0.960		-0.208	
Anthracene	0.943	0.941		-0.212	
Carbazole	0.909	0.924		1.65	
Di-n-butylphthalate	1.116	1.142		2.33	
Fluoranthene	1.180	1.216		3.051	20.0
Benzidine	0.420	0.477		13.571	
Pyrene	1.307	1.267		-3.06	
Terphenyl-d14	1.029	0.996		-3.207	
Butylbenzylphthalate	0.437	0.465		6.407	
3,3-Dichlorobenzidine	0.403	0.420		4.218	
Benzo(a)anthracene	1.256	1.262		0.478	
Chrysene	1.185	1.190		0.422	
Bis(2-ethylhexyl)phthalate	0.742	0.783		5.526	
Di-n-octyl phthalate	1.199	1.215		1.334	20.0
Benzo(b)fluoranthene	1.149	1.167		1.567	
Benzo(k)fluoranthene	1.121	1.152		2.765	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG No.: BP081524

Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:09:10

Lab File ID: BP021506.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	1.025		2.808	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.332		2.778	
Dibenzo(a,h)anthracene	1.077	1.111		3.157	
Benzo(g,h,i)perylene	1.080	1.119		3.611	
1,2,4,5-Tetrachlorobenzene	0.586	0.577		-1.536	
1,4-Dioxane	0.639	0.625		-2.191	20.0
2,3,4,6-Tetrachlorophenol	0.307	0.344		12.052	
1-Methylnaphthalene	0.703	0.691		-1.707	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG No.: BP081524

Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:14:09

Lab File ID: BP021513.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.536	0.536		0.0	50.0
Pyridine	1.783	1.761		-1.234	50.0
2-Fluorophenol	1.347	1.337		-0.742	50.0
Benzaldehyde	1.258	1.166		-7.313	50.0
Aniline	1.964	1.974		0.509	50.0
Phenol-d6	1.965	2.032		3.41	50.0
Phenol	2.035	2.091		2.752	50.0
bis(2-Chloroethyl) ether	1.722	1.740		1.045	50.0
2-Chlorophenol	1.245	1.289		3.534	50.0
1,2-Dichlorobenzene	1.439	1.413		-1.807	50.0
1,3-Dichlorobenzene	1.479	1.433		-3.11	50.0
1,4-Dichlorobenzene	1.493	1.457		-2.411	50.0
Benzyl Alcohol	1.410	1.495		6.028	50.0
2-Methylphenol	1.286	1.347		4.743	50.0
2,2-oxybis(1-Chloropropane)	1.585	1.624		2.461	50.0
Acetophenone	0.614	0.596		-2.932	50.0
3+4-Methylphenols	1.734	1.884		8.651	50.0
n-Nitroso-di-n-propylamine	1.357	1.371	0.050	1.032	50.0
Nitrobenzene-d5	0.387	0.434		12.145	50.0
Hexachloroethane	0.599	0.606		1.169	50.0
Nitrobenzene	0.421	0.452		7.363	50.0
Isophorone	0.915	0.892		-2.514	50.0
2-Nitrophenol	0.086	0.123		43.023	50.0
2,4-Dimethylphenol	0.226	0.229		1.327	50.0
bis(2-Chloroethoxy) methane	0.559	0.557		-0.358	50.0
2,4-Dichlorophenol	0.267	0.286		7.116	50.0
1,2,4-Trichlorobenzene	0.342	0.333		-2.632	50.0
Benzoic acid	0.137	0.191		39.416	50.0
Naphthalene	1.045	1.017		-2.679	50.0
4-Chloroaniline	0.392	0.388		-1.02	50.0
Hexachlorobutadiene	0.215	0.207		-3.721	50.0
Caprolactam	0.111	0.112		0.901	50.0
4-Chloro-3-methylphenol	0.370	0.387		4.595	50.0
2-Methylnaphthalene	0.713	0.705		-1.122	50.0
Hexachlorocyclopentadiene	0.186	0.195	0.050	4.839	50.0
2,4,6-Trichlorophenol	0.326	0.363		11.35	50.0
2-Fluorobiphenyl	1.310	1.302		-0.611	50.0
2,4,5-Trichlorophenol	0.362	0.405		11.878	50.0
1,1-Biphenyl	1.415	1.417		0.141	50.0

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Lab File ID: BP021513.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	1.091		-0.998	50.0
2-Nitroaniline	0.256	0.333		30.078	50.0
Dimethylphthalate	1.339	1.306		-2.465	50.0
Acenaphthylene	1.619	1.593		-1.606	50.0
2,6-Dinitrotoluene	0.232	0.282		21.552	50.0
3-Nitroaniline	0.228	0.272		19.298	50.0
Acenaphthene	1.063	1.061		-0.188	50.0
2,4-Dinitrophenol	0.069	0.084	0.050	21.739	50.0
4-Nitrophenol	0.195	0.208	0.050	6.667	50.0
Dibenzofuran	1.635	1.601		-2.08	50.0
2,4-Dinitrotoluene	0.284	0.357		25.704	50.0
Diethylphthalate	1.374	1.305		-5.022	50.0
4-Chlorophenyl-phenylether	0.694	0.657		-5.331	50.0
Fluorene	1.343	1.257		-6.404	50.0
4-Nitroaniline	0.241	0.262		8.714	50.0
4,6-Dinitro-2-methylphenol	0.054	0.069		27.778	50.0
n-Nitrosodiphenylamine	0.536	0.562		4.851	50.0
Azobenzene	1.689	1.567		-7.223	50.0
2,4,6-Tribromophenol	0.223	0.208		-6.726	50.0
4-Bromophenyl-phenylether	0.212	0.207		-2.358	50.0
Hexachlorobenzene	0.250	0.257		2.8	50.0
Atrazine	0.184	0.165		-10.326	50.0
Pentachlorophenol	0.137	0.149		8.759	50.0
Phenanthrene	0.962	0.957		-0.52	50.0
Anthracene	0.943	0.920		-2.439	50.0
Carbazole	0.909	0.863		-5.061	50.0
Di-n-butylphthalate	1.116	1.087		-2.599	50.0
Fluoranthene	1.180	1.074		-8.983	50.0
Benzidine	0.420	0.349		-16.905	50.0
Pyrene	1.307	1.408		7.728	50.0
Terphenyl-d14	1.029	1.092		6.122	50.0
Butylbenzylphthalate	0.437	0.494		13.043	50.0
3,3-Dichlorobenzidine	0.403	0.406		0.744	50.0
Benzo(a)anthracene	1.256	1.266		0.796	50.0
Chrysene	1.185	1.172		-1.097	50.0
Bis(2-ethylhexyl)phthalate	0.742	0.806		8.625	50.0
Di-n-octyl phthalate	1.199	1.241		3.503	50.0
Benzo(b)fluoranthene	1.149	1.157		0.696	50.0
Benzo(k)fluoranthene	1.121	1.127		0.535	50.0

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Lab File ID: BP021513.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	1.024		2.708	50.0
Indeno(1,2,3-cd)pyrene	1.296	1.344		3.704	50.0
Dibenzo(a,h)anthracene	1.077	1.108		2.878	50.0
Benzo(g,h,i)perylene	1.080	1.113		3.056	50.0
1,2,4,5-Tetrachlorobenzene	0.586	0.599		2.218	50.0
1,4-Dioxane	0.639	0.596		-6.729	50.0
2,3,4,6-Tetrachlorophenol	0.307	0.330		7.492	50.0
1-Methylnaphthalene	0.703	0.686		-2.418	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG No.: BP081524

Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:15:37

Lab File ID: BP021515.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.536	0.547		2.052	
Pyridine	1.783	1.776		-0.393	
2-Fluorophenol	1.347	1.380		2.45	
Benzaldehyde	1.258	1.210		-3.816	
Aniline	1.964	1.930		-1.731	
Phenol-d6	1.965	2.003		1.934	
Phenol	2.035	2.048		0.639	20.0
bis(2-Chloroethyl)ether	1.722	1.683		-2.265	
2-Chlorophenol	1.245	1.280		2.811	
1,2-Dichlorobenzene	1.439	1.414		-1.737	
1,3-Dichlorobenzene	1.479	1.461		-1.217	
1,4-Dichlorobenzene	1.493	1.470		-1.541	20.0
Benzyl Alcohol	1.410	1.429		1.348	
2-Methylphenol	1.286	1.303		1.322	
2,2-oxybis(1-Chloropropane)	1.585	1.541		-2.776	
Acetophenone	0.614	0.600		-2.28	
3+4-Methylphenols	1.734	1.786		2.999	
n-Nitroso-di-n-propylamine	1.357	1.296	0.050	-4.495	
Nitrobenzene-d5	0.387	0.439		13.437	
Hexachloroethane	0.599	0.607		1.336	
Nitrobenzene	0.421	0.464		10.214	
Isophorone	0.915	0.882		-3.607	
2-Nitrophenol	0.086	0.116		34.884	20.0
2,4-Dimethylphenol	0.226	0.229		1.327	
bis(2-Chloroethoxy)methane	0.559	0.545		-2.504	
2,4-Dichlorophenol	0.267	0.290		8.614	20.0
1,2,4-Trichlorobenzene	0.342	0.340		-0.585	
Benzoic acid	0.137	0.188		37.226	
Naphthalene	1.045	1.040		-0.478	
4-Chloroaniline	0.392	0.400		2.041	
Hexachlorobutadiene	0.215	0.211		-1.86	20.0
Caprolactam	0.111	0.121		9.009	
4-Chloro-3-methylphenol	0.370	0.398		7.568	20.0
2-Methylnaphthalene	0.713	0.701		-1.683	
Hexachlorocyclopentadiene	0.186	0.182	0.050	-2.151	
2,4,6-Trichlorophenol	0.326	0.354		8.589	20.0
2-Fluorobiphenyl	1.310	1.300		-0.763	
2,4,5-Trichlorophenol	0.362	0.408		12.707	
1,1-Biphenyl	1.415	1.404		-0.777	

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Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:15:37

Lab File ID: BP021515.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.102	1.091		-0.998	
2-Nitroaniline	0.256	0.341		33.203	
Dimethylphthalate	1.339	1.366		2.016	
Acenaphthylene	1.619	1.641		1.359	
2,6-Dinitrotoluene	0.232	0.296		27.586	
3-Nitroaniline	0.228	0.300		31.579	
Acenaphthene	1.063	1.077		1.317	20.0
2,4-Dinitrophenol	0.069	0.089	0.050	28.986	
4-Nitrophenol	0.195	0.250	0.050	28.205	
Dibenzofuran	1.635	1.653		1.101	
2,4-Dinitrotoluene	0.284	0.388		36.62	
Diethylphthalate	1.374	1.409		2.547	
4-Chlorophenyl-phenylether	0.694	0.690		-0.576	
Fluorene	1.343	1.339		-0.298	
4-Nitroaniline	0.241	0.317		31.535	
4,6-Dinitro-2-methylphenol	0.054	0.066		22.222	
n-Nitrosodiphenylamine	0.536	0.526		-1.866	20.0
Azobenzene	1.689	1.688		-0.059	
2,4,6-Tribromophenol	0.223	0.226		1.345	
4-Bromophenyl-phenylether	0.212	0.193		-8.962	
Hexachlorobenzene	0.250	0.242		-3.2	
Atrazine	0.184	0.165		-10.326	
Pentachlorophenol	0.137	0.146		6.569	20.0
Phenanthrene	0.962	0.962		0.0	
Anthracene	0.943	0.939		-0.424	
Carbazole	0.909	0.934		2.75	
Di-n-butylphthalate	1.116	1.135		1.703	
Fluoranthene	1.180	1.230		4.237	20.0
Benzidine	0.420	0.455		8.333	
Pyrene	1.307	1.255		-3.979	
Terphenyl-d14	1.029	0.965		-6.22	
Butylbenzylphthalate	0.437	0.461		5.492	
3,3-Dichlorobenzidine	0.403	0.430		6.7	
Benzo(a)anthracene	1.256	1.239		-1.354	
Chrysene	1.185	1.169		-1.35	
Bis(2-ethylhexyl)phthalate	0.742	0.765		3.1	
Di-n-octyl phthalate	1.199	1.211		1.001	20.0
Benzo(b)fluoranthene	1.149	1.156		0.609	
Benzo(k)fluoranthene	1.121	1.113		-0.714	

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Instrument ID: BNA_P Calibration Date/Time: 8/15/2024 1:15:37

Lab File ID: BP021515.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.997	1.008		1.103	20.0
Indeno(1,2,3-cd)pyrene	1.296	1.322		2.006	
Dibenzo(a,h)anthracene	1.077	1.090		1.207	
Benzo(g,h,i)perylene	1.080	1.103		2.13	
1,2,4,5-Tetrachlorobenzene	0.586	0.578		-1.365	
1,4-Dioxane	0.639	0.634		-0.782	20.0
2,3,4,6-Tetrachlorophenol	0.307	0.340		10.749	
1-Methylnaphthalene	0.703	0.695		-1.138	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BP081524
Lab Sample ID:	PB162549BL	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
BP021507.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BP081524
Lab Sample ID:	PB162549BL	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
BP021507.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BP081524
Lab Sample ID:	PB162549BL	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
BP021507.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

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	119.996		18-112		80	SPK: -150
13127-88-3	Phenol-d6	110.84		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	86.835		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	77.513		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BP081524
Lab Sample ID:	PB162549BL	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
BP021507.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.159		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	84.517		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	334023	7.811				
1146-65-2	Naphthalene-d8	1324603	10.593				
15067-26-2	Acenaphthene-d10	827796	14.451				
1517-22-2	Phenanthrene-d10	1735847	17.245				
1719-03-5	Chrysene-d12	1507042	21.698				
1520-96-3	Perylene-d12	1647469	25.092				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	85.9	J			3.04	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.94	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BP081524
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021508.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

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

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BP081524
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021508.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

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

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BP081524
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021508.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	146.828		10-139		98	SPK: -150
13127-88-3	Phenol-d6	138.284		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	104.86		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	91.283		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BP081524
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021508.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.89		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	101.635		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316044	7.804				
1146-65-2	Naphthalene-d8	1257383	10.592				
15067-26-2	Acenaphthene-d10	834448	14.439				
1517-22-2	Phenanthrene-d10	1778741	17.245				
1719-03-5	Chrysene-d12	1519987	21.692				
1520-96-3	Perylene-d12	1612619	25.092				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.7	A			4.94	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021509.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	150	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	120	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	190	J	180	270	330	ug/Kg
62-53-3	Aniline	160	J	96.9	130	170	ug/Kg
108-95-2	Phenol	140	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	140	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	150	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	140	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	140	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	140	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	150		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	140	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	150	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	140	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	170		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	J	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	140	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	130	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021509.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	260		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	150	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	230		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	240		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	140	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	2120	J	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	260	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	150	J	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	480		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	250		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	150	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	150	J	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	210		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	150	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	130	J	85	130	170	ug/Kg
1912-24-9	Atrazine	140	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021509.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	140	J	84	130	170	ug/Kg
120-12-7	Anthracene	140	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	140	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	130	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	230	J	160	270	330	ug/Kg
129-00-0	Pyrene	140	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	200		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	140	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	230	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.483		18-112		86	SPK: -150
13127-88-3	Phenol-d6	130.217		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	98.63		18-107		99	SPK: -100
321-60-8	2-Fluorobiphenyl	84.17		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021509.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.99		10-116		97	SPK: -150
1718-51-0	Terphenyl-d14	75.746		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	444773	7.805				
1146-65-2	Naphthalene-d8	2011295	10.587				
15067-26-2	Acenaphthene-d10	1445135	14.439				
1517-22-2	Phenanthrene-d10	3303546	17.233				
1719-03-5	Chrysene-d12	3096346	21.698				
1520-96-3	Perylene-d12	2978689	25.098				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021510.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	250		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	340		180	270	330	ug/Kg
62-53-3	Aniline	320		96.9	130	170	ug/Kg
108-95-2	Phenol	270		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	280		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	270		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	270		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	270		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	270	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	260		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280		90.9	130	170	ug/Kg
98-86-2	Acetophenone	280		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	250	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	260		83	130	170	ug/Kg
98-95-3	Nitrobenzene	300		90.8	130	170	ug/Kg
78-59-1	Isophorone	260		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	350		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	260		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	260		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	290	J	240	270	330	ug/Kg
91-20-3	Naphthalene	270		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	290		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	250		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021510.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	230	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	260		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	280		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	280		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	360		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	270		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	300		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	330		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	340		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	270		81.1	130	170	ug/Kg
Total PAH	Total PAH	4240		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	330		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	350		120	270	330	ug/Kg
132-64-9	Dibenzofuran	280		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	330		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	660		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	250		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260		85.6	130	170	ug/Kg
86-73-7	Fluorene	270		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	310		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	340		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280		81.6	130	170	ug/Kg
103-33-3	Azobenzene	270		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	260		85	130	170	ug/Kg
1912-24-9	Atrazine	250		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-03	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
BP021510.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.241		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	83.986		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	348397	7.805				
1146-65-2	Naphthalene-d8	1431294	10.587				
15067-26-2	Acenaphthene-d10	899064	14.44				
1517-22-2	Phenanthrene-d10	1859893	17.234				
1719-03-5	Chrysene-d12	1598210	21.692				
1520-96-3	Perylene-d12	1686397	25.086				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021511.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.2	J	1	8	10	ug/L
110-86-1	Pyridine	3.6	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.5	J	4	8	10	ug/L
62-53-3	Aniline	4.7	J	1.6	4	5	ug/L
108-95-2	Phenol	4.2	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.1	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	4.3	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	4.1	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	4.1	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	4.1	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	4	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.9	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.3	J	1.4	4	5	ug/L
98-86-2	Acetophenone	4.3	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	3.8	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.1	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.7	J	1.3	4	5	ug/L
78-59-1	Isophorone	4	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.7	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.1	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.6	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.1	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	6.3	J	5.5	8	10	ug/L
91-20-3	Naphthalene	4.2	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.8	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021511.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.7	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.7	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.4	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.6	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.3	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4.1	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.3	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.3	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	6.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	6.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	4	J	0.81	4	5	ug/L
Total PAH	Total PAH	63.4	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	7.7	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.3	J	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	7.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.1	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.2	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.2	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	5.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	7.4	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	4	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.3	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.5	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.9	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.1	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021511.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.8	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.3	J	0.89	4	5	ug/L
120-12-7	Anthracene	4.1	J	1.1	4	5	ug/L
86-74-8	Carbazole	4.1	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.5	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4	J	1.3	4	5	ug/L
92-87-5	Benzidine	6.9	J	4.1	8	10	ug/L
129-00-0	Pyrene	3.8	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	5.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.7	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.1	J	0.94	4	5	ug/L
218-01-9	Chrysene	4.1	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	6.7	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.7	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.8	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.8	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.7	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.7	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.6	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.2	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.5	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.6	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.9	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.972		10-139		90	SPK: -150
13127-88-3	Phenol-d6	130.094		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	99.918		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	86.961		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021511.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.226		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	79.321		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	356883	7.805				
1146-65-2	Naphthalene-d8	1465998	10.593				
15067-26-2	Acenaphthene-d10	971108	14.44				
1517-22-2	Phenanthrene-d10	2174560	17.233				
1719-03-5	Chrysene-d12	2274673	21.68				
1520-96-3	Perylene-d12	2564034	25.092				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021512.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.3	J	1	8	10	ug/L
110-86-1	Pyridine	7.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10.6		4	8	10	ug/L
62-53-3	Aniline	9.9		1.6	4	5	ug/L
108-95-2	Phenol	8.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	8.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	8.6	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	8.9		1.4	4	5	ug/L
98-86-2	Acetophenone	8.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	8.1	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.2		1	4	5	ug/L
98-95-3	Nitrobenzene	8.9		1.3	4	5	ug/L
78-59-1	Isophorone	8.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	10.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	7.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8		1.1	4	5	ug/L
65-85-0	Benzoic acid	9.1	J	5.5	8	10	ug/L
91-20-3	Naphthalene	8.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	7.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021512.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	7.1	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	7.8	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	10.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	9.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	10.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	8		0.81	4	5	ug/L
Total PAH	Total PAH	127.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	10.1		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	10.3		2	8	10	ug/L
132-64-9	Dibenzofuran	8.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	10.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20		2.7	4	10	ug/L
84-66-2	Diethylphthalate	7.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.2		0.98	4	5	ug/L
86-73-7	Fluorene	8.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.4		0.89	4	5	ug/L
103-33-3	Azobenzene	8.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	7.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8		1.1	4	5	ug/L
1912-24-9	Atrazine	8.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021512.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	5.7	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.4		0.89	4	5	ug/L
120-12-7	Anthracene	8.2		1.1	4	5	ug/L
86-74-8	Carbazole	7.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	7.4		1.3	4	5	ug/L
92-87-5	Benzidine	10		4.1	8	10	ug/L
129-00-0	Pyrene	8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	8.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	7.9	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.1		0.94	4	5	ug/L
218-01-9	Chrysene	8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	9.4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	7.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	7.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	7.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	7.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	7.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.2		10-139		87	SPK: -150
13127-88-3	Phenol-d6	129.592		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	100.326		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	88.944		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BP081524
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021512.D	1	8/7/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.701		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	85.965		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	359499	7.805				
1146-65-2	Naphthalene-d8	1567171	10.593				
15067-26-2	Acenaphthene-d10	1035391	14.445				
1517-22-2	Phenanthrene-d10	2083275	17.233				
1719-03-5	Chrysene-d12	1851249	21.686				
1520-96-3	Perylene-d12	1982328	25.092				

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BP081524
Lab Sample ID:	PB162688BL	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
BP021516.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BP081524
Lab Sample ID:	PB162688BL	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
BP021516.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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	71.4	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	87.3	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	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:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BP081524
Lab Sample ID:	PB162688BL	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
BP021516.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	133.814		18-112		89	SPK: -150
13127-88-3	Phenol-d6	129.085		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	95.525		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	79.841		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BL	SDG No.:	BP081524
Lab Sample ID:	PB162688BL	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
BP021516.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.368		10-116		91	SPK: -150
1718-51-0	Terphenyl-d14	82.343		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	460064	7.805				
1146-65-2	Naphthalene-d8	1923808	10.593				
15067-26-2	Acenaphthene-d10	1373747	14.44				
1517-22-2	Phenanthrene-d10	3203573	17.245				
1719-03-5	Chrysene-d12	2865857	21.698				
1520-96-3	Perylene-d12	2706442	25.092				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.94	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	EB-01-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-12	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021517.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	EB-01-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-12	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021517.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

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

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	EB-01-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-12	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021517.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.549		10-139		32	SPK: -150
13127-88-3	Phenol-d6	26.047		10-134		17	SPK: -150
4165-60-0	Nitrobenzene-d5	99.672		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	80.98		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	EB-01-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-12	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021517.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.629		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	96.636		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	407321	7.799				
1146-65-2	Naphthalene-d8	1612741	10.581				
15067-26-2	Acenaphthene-d10	1030572	14.44				
1517-22-2	Phenanthrene-d10	2153279	17.245				
1719-03-5	Chrysene-d12	2218864	21.692				
1520-96-3	Perylene-d12	2137805	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.029	
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	2.8	J			15.293	
000112-80-1	Oleic Acid	8.4	J			15.369	
000057-11-4	Octadecanoic acid	16.1	J			15.746	
000106-11-6	Octadecanoic acid, 2-(2-hydroxyeth	22.9	J			15.822	
000057-10-3	n-Hexadecanoic acid	69.8	J			15.898	
018748-91-9	Stearic acid, TMS derivative	8.1	J			17.11	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.2	J			17.957	
001002-84-2	Pentadecanoic acid	3.6	J			18.128	
	unknown18.204	92.2	J			18.204	
000506-30-9	Eicosanoic acid	2.1	J			18.74	
000629-54-9	Hexadecanamide	2.4	J			19.016	
000544-63-8	Tetradecanoic acid	2.9	J			19.457	
000638-53-9	Tridecanoic acid	140	J			19.539	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	16.9	J			21.916	
055373-86-9	Docosane, 7-hexyl-	3.9	J			24.422	
1000419-97-0	Valeramide, N-octadecyl-	3.5	J			25.721	
	unknown25.898	3.5	J			25.898	
000083-47-6	.gamma.-Sitosterol	13.3	J			30.004	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	EB-01-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-12	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021517.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	EB-01-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021518.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	EB-01-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021518.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

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

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	EB-01-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021518.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.501		10-139		40	SPK: -150
13127-88-3	Phenol-d6	33.168		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	115.556		49-133		116	SPK: -100
321-60-8	2-Fluorobiphenyl	95.511		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	EB-01-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021518.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162687

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.365		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	104.324		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	388286	7.805				
1146-65-2	Naphthalene-d8	1455703	10.587				
15067-26-2	Acenaphthene-d10	851026	14.446				
1517-22-2	Phenanthrene-d10	1615165	17.251				
1719-03-5	Chrysene-d12	1334744	21.692				
1520-96-3	Perylene-d12	1681963	25.086				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			3.028	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.2	J			17.951	
000057-10-3	n-Hexadecanoic acid	7	J			18.192	
000057-11-4	Octadecanoic acid	14.4	J			19.528	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-1.5-2-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.8
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
BP021519.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.5	U	53.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-1.5-2-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.8
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
BP021519.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.7	U	94.7	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.2	U	98.2	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1760	U	1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-1.5-2-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.8
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
BP021519.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	110	U	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.1	U	99.1	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.232		18-112		62	SPK: -150
13127-88-3	Phenol-d6	87.839		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	67.361		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	57.995		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-1.5-2-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.8
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
BP021519.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.749		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	61.243		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	419213	7.799				
1146-65-2	Naphthalene-d8	1627611	10.587				
15067-26-2	Acenaphthene-d10	993994	14.439				
1517-22-2	Phenanthrene-d10	2011752	17.245				
1719-03-5	Chrysene-d12	1777410	21.686				
1520-96-3	Perylene-d12	1945982	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			3.028	
000057-55-6	Propylene Glycol	190	J			3.54	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.934	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.322	
000057-10-3	n-Hexadecanoic acid	550	J			18.192	
000057-11-4	Octadecanoic acid	670	J			19.522	
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	91.5	J			19.674	
074685-33-9	3-Eicosene, (E)-	230	J			21.369	
018435-45-5	1-Nonadecene	95.5	J			22.651	
	unknown23.910	380	J			23.91	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-3-3.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021520.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.1	U	52.1	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.6	U	97.6	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-3-3.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021520.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.3	U	92.3	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.6	U	95.6	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1700	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg



Client:			Date Collected:	8/12/2024 12:00:00 AM		
Project:			Date Received:	8/12/2024 12:00:00 AM		
Client Sample ID:	S-855-J-SO-3-3.5-081224		SDG No.:	BP081524		
Lab Sample ID:	P3582-04		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	22.7		
Sample Wt/Vol:	30.03	Units: g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL		Test:			
Extraction Type :	Decanted :		Level :	LOW		
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021520.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.9	U	99.9	350	430	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	170	J	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	140	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96.5	U	96.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.689		18-112		48	SPK: -150
13127-88-3	Phenol-d6	68.622		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	52.47		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	44.567		20-109		45	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-3-3.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.7
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021520.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.716		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	46.621		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	409072	7.805				
1146-65-2	Naphthalene-d8	1603363	10.593				
15067-26-2	Acenaphthene-d10	1024171	14.439				
1517-22-2	Phenanthrene-d10	2176009	17.228				
1719-03-5	Chrysene-d12	2054960	21.68				
1520-96-3	Perylene-d12	1899731	25.086				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.028	
000057-55-6	Propylene Glycol	120	J			3.546	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	100	A			4.934	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.322	
000057-10-3	n-Hexadecanoic acid	160	J			18.175	
	unknown	23.910	J			23.91	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-2-2.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021521.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.5	U	51.5	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.5	U	96.5	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-2-2.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021521.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	99	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.2	U	91.2	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.6	U	94.6	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1689.8	U	1689.8	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-2-2.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021521.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	98.8	U	98.8	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	140	J	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	130	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.8	U	99.8	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.5	U	95.5	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.97		18-112		35	SPK: -150
13127-88-3	Phenol-d6	50.054		15-107		33	SPK: -150
4165-60-0	Nitrobenzene-d5	37.758		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	32.97		20-109		33	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	S-855-J-SO-2-2.5-081224	SDG No.:	BP081524
Lab Sample ID:	P3582-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021521.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	52.274		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	37.517		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	453384	7.804				
1146-65-2	Naphthalene-d8	1736047	10.587				
15067-26-2	Acenaphthene-d10	1029408	14.433				
1517-22-2	Phenanthrene-d10	2067651	17.239				
1719-03-5	Chrysene-d12	1602932	21.686				
1520-96-3	Perylene-d12	1836958	25.086				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.028	
000770-35-4	1-Phenoxypropan-2-ol	95.4	J			11.322	
000057-10-3	n-Hexadecanoic acid	120	J			18.186	
000057-11-4	Octadecanoic acid	96.7	J			19.51	
	unknown	23.915	J			23.915	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924-FD	SDG No.:	BP081524
Lab Sample ID:	P3573-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
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
BP021522.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	96.8	U	96.8	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	97.6	U	97.6	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	96.6	U	96.6	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.8	U	48.8	96.9	96.9	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	91.4	U	91.4	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	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924-FD	SDG No.:	BP081524
Lab Sample ID:	P3573-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
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
BP021522.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.8	U	93.8	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.9	U	99.9	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.5	U	86.5	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.6	U	89.6	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.9	U	98.9	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	98.2	U	98.2	160	210	ug/Kg
Total PAH	Total PAH	1589.2	U	1589.2	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
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
84-66-2	Diethylphthalate	97	U	97	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	98.8	U	98.8	160	210	ug/Kg
103-33-3	Azobenzene	96.4	U	96.4	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.5	U	95.5	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



Client:			Date Collected:	8/9/2024 12:00:00 AM			
Project:			Date Received:	8/9/2024 12:00:00 AM			
Client Sample ID:	S-856-J-S0-1-1.5-080924-FD			SDG No.:	BP081524		
Lab Sample ID:	P3573-06			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	17.5		
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
BP021522.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.6	U	93.6	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	97.2	U	97.2	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	98.9	U	98.9	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	97.7	U	97.7	160	210	ug/Kg
218-01-9	Chrysene	96.3	U	96.3	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	98.2	U	98.2	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	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	94.6	U	94.6	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.3	U	98.3	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97	U	97	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.5	U	90.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.885		18-112		65	SPK: -150
13127-88-3	Phenol-d6	95.298		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	70.088		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	60.269		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-1-1.5-080924-FD	SDG No.:	BP081524
Lab Sample ID:	P3573-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
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
BP021522.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.47		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	59.402		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	407787	7.804				
1146-65-2	Naphthalene-d8	1624324	10.587				
15067-26-2	Acenaphthene-d10	1041844	14.451				
1517-22-2	Phenanthrene-d10	2325604	17.245				
1719-03-5	Chrysene-d12	2526677	21.698				
1520-96-3	Perylene-d12	2812398	25.109				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.028	
000057-55-6	Propylene Glycol	120	J			3.54	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			4.934	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.328	
000057-10-3	n-Hexadecanoic acid	150	J			18.198	
000295-17-0	Cyclotetradecane	180	J			21.38	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-2-2.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	30.1	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
BP021523.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.3	U	99.3	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.2	U	99.2	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.1	U	50.1	99.4	99.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.8	U	93.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-2-2.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	30.1	Units:	g
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
BP021523.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.3	U	96.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.7	U	88.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92	U	92	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1635.4	U	1635.4	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	99.5	U	99.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.9	U	98.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.1	U	98.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-2-2.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	30.1 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
BP021523.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.1	U	96.1	340	410	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	99.8	U	99.8	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	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	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	98.8	U	98.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.1	U	97.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.5	U	99.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.8	U	92.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.119		18-112		63	SPK: -150
13127-88-3	Phenol-d6	91.496		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.616		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	56.414		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-2-2.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.8
Sample Wt/Vol:	30.1 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
BP021523.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.588		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	55.866		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387937	7.799				
1146-65-2	Naphthalene-d8	1532011	10.587				
15067-26-2	Acenaphthene-d10	962989	14.439				
1517-22-2	Phenanthrene-d10	2109882	17.245				
1719-03-5	Chrysene-d12	2262812	21.686				
1520-96-3	Perylene-d12	2267823	25.074				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.028	
000057-55-6	Propylene Glycol	120	J			3.54	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			4.934	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.316	
000057-10-3	n-Hexadecanoic acid	120	J			18.186	
077899-03-7	1-Heneicosyl formate	150	J			21.369	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-4-4.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.2
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
BP021524.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	380	460	ug/Kg
110-86-1	Pyridine	110	U	110	180	240	ug/Kg
100-52-7	Benzaldehyde	250	U	250	380	460	ug/Kg
62-53-3	Aniline	130	U	130	180	240	ug/Kg
108-95-2	Phenol	120	U	120	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	180	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	180	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	380	460	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	240	ug/Kg
98-86-2	Acetophenone	120	U	120	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56	U	56	110	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	180	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	240	ug/Kg
78-59-1	Isophorone	120	U	120	180	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	240	ug/Kg
65-85-0	Benzoic acid	330	U	330	380	460	ug/Kg
91-20-3	Naphthalene	110	U	110	180	240	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-4-4.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.2
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
BP021524.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99.2	U	99.2	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	180	240	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	240	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	180	240	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	240	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	240	ug/Kg
Total PAH	Total PAH	1830	U	1830	180	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	340	U	340	380	460	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	380	460	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	180	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	240	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	240	ug/Kg
86-73-7	Fluorene	120	U	120	180	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	240	ug/Kg
103-33-3	Azobenzene	110	U	110	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	240	ug/Kg
1912-24-9	Atrazine	130	U	130	180	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-4-4.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.2
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
BP021524.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	380	460	ug/Kg
85-01-8	Phenanthrene	120	U	120	180	240	ug/Kg
120-12-7	Anthracene	120	U	120	180	240	ug/Kg
86-74-8	Carbazole	110	U	110	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	240	ug/Kg
206-44-0	Fluoranthene	110	U	110	180	240	ug/Kg
92-87-5	Benzidine	230	U	230	380	460	ug/Kg
129-00-0	Pyrene	120	U	120	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	180	240	ug/Kg
218-01-9	Chrysene	110	U	110	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	180	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	240	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.212		18-112		57	SPK: -150
13127-88-3	Phenol-d6	79.754		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	62.234		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	52.842		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	S-856-J-S0-4-4.5-080924	SDG No.:	BP081524
Lab Sample ID:	P3573-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	28.2
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
BP021524.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.924		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	49.277		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	358136	7.804				
1146-65-2	Naphthalene-d8	1355589	10.587				
15067-26-2	Acenaphthene-d10	799134	14.439				
1517-22-2	Phenanthrene-d10	1708478	17.227				
1719-03-5	Chrysene-d12	1752728	21.668				
1520-96-3	Perylene-d12	2084362	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			3.028	
000057-55-6	Propylene Glycol	170	J			3.54	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.934	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.328	
000057-10-3	n-Hexadecanoic acid	220	J			18.169	
001454-84-8	n-Nonadecanol-1	160	J			21.351	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024	SDG No.:	BP081524
Lab Sample ID:	P3607-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021525.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.4	U	60.4	190	230	ug/Kg
110-86-1	Pyridine	55.6	U	55.6	90.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.4	U	67.4	90.4	120	ug/Kg
108-95-2	Phenol	57.7	U	57.7	90.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.2	U	58.2	90.4	120	ug/Kg
95-57-8	2-Chlorophenol	58.1	U	58.1	90.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.9	U	58.9	90.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.8	U	59.8	90.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.2	U	60.2	90.4	120	ug/Kg
100-51-6	Benzyl Alcohol	57.7	U	57.7	190	230	ug/Kg
95-48-7	2-Methylphenol	56.1	U	56.1	90.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.2	U	63.2	90.4	120	ug/Kg
98-86-2	Acetophenone	60.5	U	60.5	90.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.5	U	55.5	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	57.7	U	57.7	90.4	120	ug/Kg
98-95-3	Nitrobenzene	63.2	U	63.2	90.4	120	ug/Kg
78-59-1	Isophorone	58.9	U	58.9	90.4	120	ug/Kg
88-75-5	2-Nitrophenol	65.7	U	65.7	90.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	90.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.7	U	59.7	90.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.5	U	52.5	90.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.4	U	59.4	90.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.5	U	57.5	90.4	120	ug/Kg
106-47-8	4-Chloroaniline	57.5	U	57.5	90.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	90.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024	SDG No.:	BP081524
Lab Sample ID:	P3607-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021525.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.4	U	60.4	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.9	U	53.9	90.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.4	U	57.4	90.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.7	U	49.7	90.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.5	U	51.5	90.4	120	ug/Kg
92-52-4	1,1-Biphenyl	60.8	U	60.8	90.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	90.4	120	ug/Kg
88-74-4	2-Nitroaniline	66.1	U	66.1	90.4	120	ug/Kg
131-11-3	Dimethylphthalate	56.8	U	56.8	90.4	120	ug/Kg
208-96-8	Acenaphthylene	60.2	U	60.2	90.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.9	U	57.9	90.4	120	ug/Kg
99-09-2	3-Nitroaniline	62.1	U	62.1	90.4	120	ug/Kg
83-32-9	Acenaphthene	76.7	J	56.4	90.4	120	ug/Kg
Total PAH	Total PAH	3848.7		921.7	90.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.7	U	80.7	190	230	ug/Kg
132-64-9	Dibenzofuran	58.7	U	58.7	90.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.9	U	117.9	90.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	60	90.4	120	ug/Kg
84-66-2	Diethylphthalate	55.7	U	55.7	90.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.6	U	59.6	90.4	120	ug/Kg
86-73-7	Fluorene	160		59.5	90.4	120	ug/Kg
100-01-6	4-Nitroaniline	74.4	U	74.4	90.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.4	U	81.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.8	U	56.8	90.4	120	ug/Kg
103-33-3	Azobenzene	55.4	U	55.4	90.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.9	U	54.9	90.4	120	ug/Kg
118-74-1	Hexachlorobenzene	59.1	U	59.1	90.4	120	ug/Kg
1912-24-9	Atrazine	63.6	U	63.6	90.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024	SDG No.:	BP081524
Lab Sample ID:	P3607-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021525.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.8	U	53.8	190	230	ug/Kg
85-01-8	Phenanthrene	650		58.4	90.4	120	ug/Kg
120-12-7	Anthracene	190		58.7	90.4	120	ug/Kg
86-74-8	Carbazole	55.9	U	55.9	90.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.7	U	58.7	90.4	120	ug/Kg
206-44-0	Fluoranthene	640		56.8	90.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	600		57.7	90.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.3	U	67.3	90.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.6	U	68.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	280		56.1	90.4	120	ug/Kg
218-01-9	Chrysene	310		55.3	90.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.3	U	63.3	90.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.5	U	76.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		56.4	90.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	92	J	57.5	90.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	280		64.7	90.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120		54.3	90.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.5	U	56.5	90.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150		55.7	90.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.4	U	60.4	90.4	120	ug/Kg
123-91-1	1,4-Dioxane	76.5	U	76.5	90.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	90.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	72.2	J	57.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.396		18-112		64	SPK: -150
13127-88-3	Phenol-d6	91.036		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	72.466		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	61.261		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024	SDG No.:	BP081524
Lab Sample ID:	P3607-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021525.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.01		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	58.659		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387294	7.805				
1146-65-2	Naphthalene-d8	1486821	10.593				
15067-26-2	Acenaphthene-d10	869449	14.44				
1517-22-2	Phenanthrene-d10	1842295	17.228				
1719-03-5	Chrysene-d12	1870800	21.674				
1520-96-3	Perylene-d12	2260008	25.08				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.034	
000629-50-5	Tridecane	370	J			12.034	
074645-98-0	Dodecane, 2,7,10-trimethyl-	210	J			12.993	
026741-18-4	9-methylheptadecane	570	J			13.281	
000629-59-4	Tetradecane	240	J			13.945	
000629-78-7	Heptadecane	760	J			14.363	
056862-62-5	10-Methylnonadecane	270	J			14.992	
062238-11-3	Decane, 2,3,5-trimethyl-	880	J			15.328	
000646-31-1	Tetracosane	420	J			15.74	
001560-97-0	Dodecane, 2-methyl-	210	J			15.892	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	1300	J			16.21	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	420	J			16.239	
001560-88-9	Octadecane, 2-methyl-	200	J			16.798	
013287-24-6	Nonadecane, 9-methyl-	1200	J			17.016	
000544-77-4	Hexadecane, 1-iodo-	580	J			17.075	
055045-08-4	Dodecane, 2-methyl-6-propyl-	1100	J			17.781	
000057-10-3	n-Hexadecanoic acid	540	J			18.18	
000112-95-8	Eicosane	940	J			18.492	
1000342-70-4	1-Octadecanesulphonyl chloride	1900	J			19.157	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024	SDG No.:	BP081524
Lab Sample ID:	P3607-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021525.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	200	J			24.774	



Client:				Date Collected:	8/14/2024 12:00:00 AM	
Project:				Date Received:	8/14/2024 12:00:00 AM	
Client Sample ID:	NB-08-08142024MS			SDG No.:	BP081524	
Lab Sample ID:	P3607-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.9	
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021526.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.5	190	230	ug/Kg
110-86-1	Pyridine	870		55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	980		130	190	230	ug/Kg
62-53-3	Aniline	1300		67.5	90.6	120	ug/Kg
108-95-2	Phenol	1300		57.7	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		58.3	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	1300		58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		58.9	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.9	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		57.8	190	230	ug/Kg
95-48-7	2-Methylphenol	1200		56.1	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		63.3	90.6	120	ug/Kg
98-86-2	Acetophenone	1200		60.5	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	1300		55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		28.1	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	1100		57.8	90.6	120	ug/Kg
98-95-3	Nitrobenzene	1200		63.3	90.6	120	ug/Kg
78-59-1	Isophorone	1100		58.9	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	1500		65.8	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		64.9	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	1600		170	190	230	ug/Kg
91-20-3	Naphthalene	1200		57.5	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	1100		57.5	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MS	SDG No.:	BP081524
Lab Sample ID:	P3607-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021526.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		49.7	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		51.5	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	1300		60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	1300		58	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	1400		66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	1200		56.9	90.6	120	ug/Kg
208-96-8	Acenaphthylene	1400		60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	1300		62.1	90.6	120	ug/Kg
83-32-9	Acenaphthene	1400		56.5	90.6	120	ug/Kg
Total PAH	Total PAH	24100		923.1	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2600	E	80.8	190	230	ug/Kg
132-64-9	Dibenzofuran	1300		58.8	90.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		60	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		118	90.6	240	ug/Kg
84-66-2	Diethylphthalate	1200		55.8	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.6	90.6	120	ug/Kg
86-73-7	Fluorene	1300		59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	1200		74.5	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		81.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		56.8	90.6	120	ug/Kg
103-33-3	Azobenzene	1100		55.4	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		59.2	90.6	120	ug/Kg
1912-24-9	Atrazine	1400		63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MS	SDG No.:	BP081524
Lab Sample ID:	P3607-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021526.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	53.8	190	230	ug/Kg
85-01-8	Phenanthrene	2000	E	58.5	90.6	120	ug/Kg
120-12-7	Anthracene	1500		58.8	90.6	120	ug/Kg
86-74-8	Carbazole	1300		55.9	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		58.7	90.6	120	ug/Kg
206-44-0	Fluoranthene	1700		56.9	90.6	120	ug/Kg
92-87-5	Benzidine	1400		110	190	230	ug/Kg
129-00-0	Pyrene	1800		57.8	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		67.4	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1600		56.2	90.6	120	ug/Kg
218-01-9	Chrysene	1600		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		63.4	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		57.5	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1600		64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		54.4	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		55.8	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	850		76.6	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		52	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	1200		58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.075		18-112		74	SPK: -150
13127-88-3	Phenol-d6	104.89		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	80.526		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	72.076		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MS	SDG No.:	BP081524
Lab Sample ID:	P3607-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021526.D	1	8/15/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.848		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	66.301		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	482484	7.805				
1146-65-2	Naphthalene-d8	1889605	10.593				
15067-26-2	Acenaphthene-d10	1067617	14.445				
1517-22-2	Phenanthrene-d10	1902416	17.239				
1719-03-5	Chrysene-d12	1730727	21.692				
1520-96-3	Perylene-d12	2156175	25.11				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MSD	SDG No.:	BP081524
Lab Sample ID:	P3607-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021527.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	910		60.4	190	230	ug/Kg
110-86-1	Pyridine	760		55.6	90.5	120	ug/Kg
100-52-7	Benzaldehyde	840		130	190	230	ug/Kg
62-53-3	Aniline	1100		67.4	90.5	120	ug/Kg
108-95-2	Phenol	950		57.7	90.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	880		58.2	90.5	120	ug/Kg
95-57-8	2-Chlorophenol	1000		58.1	90.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	930		58.9	90.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	940		59.8	90.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	940		60.2	90.5	120	ug/Kg
100-51-6	Benzyl Alcohol	940		57.8	190	230	ug/Kg
95-48-7	2-Methylphenol	930		56.1	90.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		63.3	90.5	120	ug/Kg
98-86-2	Acetophenone	980		60.5	90.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	930		55.5	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	760		28	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	890		57.8	90.5	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.2	90.5	120	ug/Kg
78-59-1	Isophorone	900		58.9	90.5	120	ug/Kg
88-75-5	2-Nitrophenol	1300		65.8	90.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.9	90.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	930		59.7	90.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.5	90.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		59.4	90.5	120	ug/Kg
65-85-0	Benzoic acid	1200		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.5	90.5	120	ug/Kg
106-47-8	4-Chloroaniline	1000		57.5	90.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		58	90.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MSD	SDG No.:	BP081524
Lab Sample ID:	P3607-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021527.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	970		60.4	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		53.9	90.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	980		57.4	90.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	940		110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.7	90.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		51.5	90.5	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.8	90.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		58	90.5	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66.1	90.5	120	ug/Kg
131-11-3	Dimethylphthalate	1000		56.9	90.5	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.2	90.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		57.9	90.5	120	ug/Kg
99-09-2	3-Nitroaniline	1100		62.1	90.5	120	ug/Kg
83-32-9	Acenaphthene	1100		56.4	90.5	120	ug/Kg
Total PAH	Total PAH	20100		922.1	90.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2500	E	80.7	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58.7	90.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		117.9	90.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		60	90.5	120	ug/Kg
84-66-2	Diethylphthalate	980		55.7	90.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		59.6	90.5	120	ug/Kg
86-73-7	Fluorene	1100		59.5	90.5	120	ug/Kg
100-01-6	4-Nitroaniline	1200		74.5	90.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	790		81.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		56.8	90.5	120	ug/Kg
103-33-3	Azobenzene	920		55.4	90.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		54.9	90.5	120	ug/Kg
118-74-1	Hexachlorobenzene	980		59.2	90.5	120	ug/Kg
1912-24-9	Atrazine	1100		63.6	90.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MSD	SDG No.:	BP081524
Lab Sample ID:	P3607-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021527.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	53.8	190	230	ug/Kg
85-01-8	Phenanthrene	1600		58.5	90.5	120	ug/Kg
120-12-7	Anthracene	1300		58.7	90.5	120	ug/Kg
86-74-8	Carbazole	1100		55.9	90.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		58.7	90.5	120	ug/Kg
206-44-0	Fluoranthene	1600		56.9	90.5	120	ug/Kg
92-87-5	Benzidine	1400		110	190	230	ug/Kg
129-00-0	Pyrene	1500		57.8	90.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.4	90.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		68.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1300		56.2	90.5	120	ug/Kg
218-01-9	Chrysene	1300		55.3	90.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		63.3	90.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		56.4	90.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.5	90.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		64.7	90.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		54.3	90.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		56.5	90.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		55.7	90.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.4	90.5	120	ug/Kg
123-91-1	1,4-Dioxane	770		76.5	90.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		52	90.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		57.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.421		18-112		59	SPK: -150
13127-88-3	Phenol-d6	79.612		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	67.116		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	58.994		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	NB-08-08142024MSD	SDG No.:	BP081524
Lab Sample ID:	P3607-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021527.D	1	8/15/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.772		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	55.667		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	493629	7.811				
1146-65-2	Naphthalene-d8	1756693	10.599				
15067-26-2	Acenaphthene-d10	981557	14.445				
1517-22-2	Phenanthrene-d10	2072325	17.251				
1719-03-5	Chrysene-d12	2121617	21.71				
1520-96-3	Perylene-d12	2599095	25.121				

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	VCPS-B1-081224-0-16	SDG No.:	BP081524
Lab Sample ID:	P3579-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021528.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.6	U	94.6	150	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	98.2	U	98.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99.1	U	99.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.9	U	98.9	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98.3	U	98.3	320	390	ug/Kg
95-48-7	2-Methylphenol	95.5	U	95.5	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	94.5	U	94.5	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.7	U	47.7	94.8	94.8	ug/Kg
67-72-1	Hexachloroethane	98.3	U	98.3	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	100	U	100	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	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.4	U	89.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.8	U	97.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.8	U	97.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.7	U	98.7	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	VCPS-B1-081224-0-16	SDG No.:	BP081524
Lab Sample ID:	P3579-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021528.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.8	U	91.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.7	U	97.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.6	U	84.6	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.7	U	87.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.7	U	98.7	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.8	U	96.8	150	200	ug/Kg
208-96-8	Acenaphthylene	600		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.5	U	98.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	96.1	U	96.1	150	200	ug/Kg
Total PAH	Total PAH	17970	U	1565.8	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.5	U	198.5	150	400	ug/Kg
84-66-2	Diethylphthalate	94.9	U	94.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.7	U	96.7	150	200	ug/Kg
103-33-3	Azobenzene	94.3	U	94.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.5	U	93.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	VCPS-B1-081224-0-16	SDG No.:	BP081524
Lab Sample ID:	P3579-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021528.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.6	U	91.6	320	390	ug/Kg
85-01-8	Phenanthrene	1100		99.5	150	200	ug/Kg
120-12-7	Anthracene	610		100	150	200	ug/Kg
86-74-8	Carbazole	95.1	U	95.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.9	U	99.9	150	200	ug/Kg
206-44-0	Fluoranthene	2400		96.8	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	2600		98.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	2000		95.6	150	200	ug/Kg
218-01-9	Chrysene	1900		94.2	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	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		96.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	700		97.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1700		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		92.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310		96.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		94.9	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	88.5	U	88.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.5	U	98.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.764		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.217		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	66.675		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	53.504		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	VCPS-B1-081224-0-16	SDG No.:	BP081524
Lab Sample ID:	P3579-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021528.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.467		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	50.312		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	499803	7.81				
1146-65-2	Naphthalene-d8	2063907	10.598				
15067-26-2	Acenaphthene-d10	1266059	14.451				
1517-22-2	Phenanthrene-d10	2320285	17.251				
1719-03-5	Chrysene-d12	1706623	21.715				
1520-96-3	Perylene-d12	2084937	25.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.028	
006044-71-9	Dodecane, 6-methyl-	310	J			11.339	
013187-99-0	2-Bromo dodecane	230	J			11.534	
031295-56-4	Dodecane, 2,6,11-trimethyl-	340	J			11.639	
000629-50-5	Tridecane	1300	J			12.039	
006165-40-8	Pentadecane, 7-methyl-	280	J			12.675	
	unknown	12.716	J			12.716	
001560-96-9	Tridecane, 2-methyl-	300	J			12.851	
107770-99-0	3,5-Dimethyldodecane	240	J			12.939	
003891-98-3	Dodecane, 2,6,10-trimethyl-	230	J			12.998	
062238-11-3	Decane, 2,3,5-trimethyl-	1200	J			13.286	
000629-78-7	Heptadecane	260	J			14.369	
000613-12-7	Anthracene, 2-methyl-	330	J			18.163	
000610-48-0	Anthracene, 1-methyl-	760	J			18.204	
000203-64-5	4H-Cyclopenta[def]phenanthrene	570	J			18.368	
000832-69-9	Phenanthrene, 1-methyl-	260	J			18.398	
003674-66-6	Phenanthrene, 2,5-dimethyl-	360	J			19.115	
1000406-31-9	Docosane, 1-iodo-	400	J			19.18	
005737-13-3	Cyclopenta(def)phenanthrenone	290	J			19.251	

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	VCPS-B1-081224-0-16	SDG No.:	BP081524
Lab Sample ID:	P3579-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021528.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	560	J			24.833	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-A	SDG No.:	BP081524
Lab Sample ID:	P3598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BP021529.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.2	U	55.2	170	210	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	82.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.7	U	61.7	82.7	110	ug/Kg
108-95-2	Phenol	52.7	U	52.7	82.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.3	U	53.3	82.7	110	ug/Kg
95-57-8	2-Chlorophenol	53.1	U	53.1	82.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.8	U	53.8	82.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.7	U	54.7	82.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55	U	55	82.7	110	ug/Kg
100-51-6	Benzyl Alcohol	52.8	U	52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	51.3	U	51.3	82.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.8	U	57.8	82.7	110	ug/Kg
98-86-2	Acetophenone	55.3	U	55.3	82.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.8	U	50.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	52.8	U	52.8	82.7	110	ug/Kg
98-95-3	Nitrobenzene	57.8	U	57.8	82.7	110	ug/Kg
78-59-1	Isophorone	53.8	U	53.8	82.7	110	ug/Kg
88-75-5	2-Nitrophenol	60.1	U	60.1	82.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.3	U	59.3	82.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.6	U	54.6	82.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	82.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	82.7	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	86	J	52.6	82.7	110	ug/Kg
106-47-8	4-Chloroaniline	52.6	U	52.6	82.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	82.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-A	SDG No.:	BP081524
Lab Sample ID:	P3598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BP021529.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.2	U	55.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.3	U	49.3	82.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.5	U	52.5	82.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.3	U	99.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.4	U	45.4	82.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.1	U	47.1	82.7	110	ug/Kg
92-52-4	1,1-Biphenyl	55.6	U	55.6	82.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	82.7	110	ug/Kg
88-74-4	2-Nitroaniline	60.4	U	60.4	82.7	110	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	82.7	110	ug/Kg
208-96-8	Acenaphthylene	55	U	55	82.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.9	U	52.9	82.7	110	ug/Kg
99-09-2	3-Nitroaniline	56.8	U	56.8	82.7	110	ug/Kg
83-32-9	Acenaphthene	51.6	U	51.6	82.7	110	ug/Kg
Total PAH	Total PAH	843.2	U	843.2	82.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.8	U	73.8	170	210	ug/Kg
132-64-9	Dibenzofuran	53.7	U	53.7	82.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	82.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.7	U	107.7	82.7	220	ug/Kg
84-66-2	Diethylphthalate	51	U	51	82.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.5	U	54.5	82.7	110	ug/Kg
86-73-7	Fluorene	54.4	U	54.4	82.7	110	ug/Kg
100-01-6	4-Nitroaniline	68.1	U	68.1	82.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.4	U	74.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.9	U	51.9	82.7	110	ug/Kg
103-33-3	Azobenzene	50.7	U	50.7	82.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.2	U	50.2	82.7	110	ug/Kg
118-74-1	Hexachlorobenzene	54.1	U	54.1	82.7	110	ug/Kg
1912-24-9	Atrazine	58.2	U	58.2	82.7	110	ug/Kg



Client:				Date Collected:	8/13/2024 12:00:00 AM	
Project:				Date Received:	8/13/2024 12:00:00 AM	
Client Sample ID:	JC-03-081324-A			SDG No.:	BP081524	
Lab Sample ID:	P3598-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	5.8	
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
BP021529.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.2	U	49.2	170	210	ug/Kg
85-01-8	Phenanthrene	53.4	U	53.4	82.7	110	ug/Kg
120-12-7	Anthracene	53.7	U	53.7	82.7	110	ug/Kg
86-74-8	Carbazole	51.1	U	51.1	82.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	82.7	110	ug/Kg
206-44-0	Fluoranthene	52	U	52	82.7	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	55.9	J	52.8	82.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.6	U	61.6	82.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.7	U	62.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.3	U	51.3	82.7	110	ug/Kg
218-01-9	Chrysene	50.6	U	50.6	82.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.9	U	57.9	82.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.6	U	51.6	82.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.6	U	52.6	82.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.2	U	59.2	82.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.7	U	49.7	82.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.7	U	51.7	82.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	82.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.2	U	55.2	82.7	110	ug/Kg
123-91-1	1,4-Dioxane	70	U	70	82.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.5	U	47.5	82.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.9	U	52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.143		18-112		47	SPK: -150
13127-88-3	Phenol-d6	67.699		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	50.769		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	46.861		20-109		47	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-A	SDG No.:	BP081524
Lab Sample ID:	P3598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BP021529.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.475		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	51.709		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	536951	7.811				
1146-65-2	Naphthalene-d8	2179717	10.593				
15067-26-2	Acenaphthene-d10	1356577	14.451				
1517-22-2	Phenanthrene-d10	2581054	17.257				
1719-03-5	Chrysene-d12	1904340	21.704				
1520-96-3	Perylene-d12	2245612	25.133				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	720	J			3.028	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	63.2	A			4.94	
000770-35-4	1-Phenoxypropan-2-ol	67.4	J			11.328	
054105-67-8	Heptadecane, 2,6-dimethyl-	55.4	J			11.64	
000091-57-6	Naphthalene, 2-methyl-	61.1	J			12.257	
003891-98-3	Dodecane, 2,6,10-trimethyl-	52	J			12.999	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	52.6	J			13.951	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	51.8	J			16.24	
000057-10-3	n-Hexadecanoic acid	100	J			18.204	
000057-11-4	Octadecanoic acid	89.7	J			19.534	
018835-32-0	1-Tricosene	110	J			21.38	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-B	SDG No.:	BP081524
Lab Sample ID:	P3598-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BP021530.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54	U	54	170	210	ug/Kg
110-86-1	Pyridine	49.7	U	49.7	80.9	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.3	U	60.3	80.9	110	ug/Kg
108-95-2	Phenol	51.6	U	51.6	80.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.1	U	52.1	80.9	110	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	80.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.6	U	52.6	80.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.5	U	53.5	80.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.8	U	53.8	80.9	110	ug/Kg
100-51-6	Benzyl Alcohol	51.6	U	51.6	170	210	ug/Kg
95-48-7	2-Methylphenol	50.1	U	50.1	80.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.6	U	56.6	80.9	110	ug/Kg
98-86-2	Acetophenone	54.1	U	54.1	80.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.6	U	49.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.1	U	25.1	49.8	49.8	ug/Kg
67-72-1	Hexachloroethane	51.6	U	51.6	80.9	110	ug/Kg
98-95-3	Nitrobenzene	56.5	U	56.5	80.9	110	ug/Kg
78-59-1	Isophorone	52.6	U	52.6	80.9	110	ug/Kg
88-75-5	2-Nitrophenol	58.8	U	58.8	80.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	58	80.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.4	U	53.4	80.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	80.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.1	U	53.1	80.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.4	U	51.4	80.9	110	ug/Kg
106-47-8	4-Chloroaniline	51.4	U	51.4	80.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.8	U	51.8	80.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-B	SDG No.:	BP081524
Lab Sample ID:	P3598-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BP021530.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54	U	54	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.2	U	48.2	80.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.3	U	51.3	80.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.1	U	97.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.4	U	44.4	80.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	80.9	110	ug/Kg
92-52-4	1,1-Biphenyl	54.4	U	54.4	80.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.8	U	51.8	80.9	110	ug/Kg
88-74-4	2-Nitroaniline	59.1	U	59.1	80.9	110	ug/Kg
131-11-3	Dimethylphthalate	50.8	U	50.8	80.9	110	ug/Kg
208-96-8	Acenaphthylene	53.8	U	53.8	80.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.8	U	51.8	80.9	110	ug/Kg
99-09-2	3-Nitroaniline	55.5	U	55.5	80.9	110	ug/Kg
83-32-9	Acenaphthene	50.5	U	50.5	80.9	110	ug/Kg
Total PAH	Total PAH	824.5	U	824.5	80.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.2	U	72.2	170	210	ug/Kg
132-64-9	Dibenzofuran	52.5	U	52.5	80.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.4	U	105.4	80.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.6	U	53.6	80.9	110	ug/Kg
84-66-2	Diethylphthalate	49.8	U	49.8	80.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.3	U	53.3	80.9	110	ug/Kg
86-73-7	Fluorene	53.2	U	53.2	80.9	110	ug/Kg
100-01-6	4-Nitroaniline	66.6	U	66.6	80.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.8	U	72.8	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.8	U	50.8	80.9	110	ug/Kg
103-33-3	Azobenzene	49.5	U	49.5	80.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.1	U	49.1	80.9	110	ug/Kg
118-74-1	Hexachlorobenzene	52.9	U	52.9	80.9	110	ug/Kg
1912-24-9	Atrazine	56.9	U	56.9	80.9	110	ug/Kg



Client:				Date Collected:	8/13/2024 12:00:00 AM	
Project:				Date Received:	8/13/2024 12:00:00 AM	
Client Sample ID:	JC-03-081324-B			SDG No.:	BP081524	
Lab Sample ID:	P3598-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	3.6	
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
BP021530.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.1	U	48.1	170	210	ug/Kg
85-01-8	Phenanthrene	59.7	J	52.3	80.9	110	ug/Kg
120-12-7	Anthracene	52.5	U	52.5	80.9	110	ug/Kg
86-74-8	Carbazole	50	U	50	80.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.4	U	52.4	80.9	110	ug/Kg
206-44-0	Fluoranthene	95.6	J	50.8	80.9	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	110		51.6	80.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.2	U	60.2	80.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.3	U	61.3	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	58.9	J	50.2	80.9	110	ug/Kg
218-01-9	Chrysene	66	J	49.5	80.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.6	U	56.6	80.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.4	U	68.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	70.7	J	50.5	80.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.4	U	51.4	80.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.5	J	57.9	80.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.6	U	48.6	80.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.5	U	50.5	80.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49.8	U	49.8	80.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	80.9	110	ug/Kg
123-91-1	1,4-Dioxane	68.4	U	68.4	80.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.5	U	46.5	80.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.8	U	51.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.199		18-112		67	SPK: -150
13127-88-3	Phenol-d6	96.483		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	71.499		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	62.744		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-B	SDG No.:	BP081524
Lab Sample ID:	P3598-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BP021530.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.167		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	66.154		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	488611	7.811				
1146-65-2	Naphthalene-d8	1970002	10.605				
15067-26-2	Acenaphthene-d10	1220381	14.451				
1517-22-2	Phenanthrene-d10	2390173	17.257				
1719-03-5	Chrysene-d12	1841753	21.716				
1520-96-3	Perylene-d12	2155843	25.151				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	780	J			3.029	
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	160	J			9.052	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	110	J			9.175	
061141-72-8	Dodecane, 4,6-dimethyl-	97.9	J			11.646	
000629-50-5	Tridecane	210	J			12.04	
000629-59-4	Tetradecane	270	J			13.287	
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,	99.1	J			13.387	
000629-78-7	Heptadecane	350	J			14.375	
000630-01-3	Hexacosane	99.5	J			15.004	
000544-76-3	Hexadecane	350	J			15.34	
055045-11-9	Tridecane, 5-propyl-	200	J			15.757	
000629-94-7	Heneicosane	500	J			16.228	
004292-19-7	Dodecane, 1-iodo-	420	J			17.045	
000638-68-6	triacontane	250	J			17.098	
002050-77-3	Decane, 1-iodo-	370	J			17.81	
000057-10-3	n-Hexadecanoic acid	200	J			18.21	
000112-95-8	Eicosane	350	J			18.528	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	700	J			19.186	
000057-11-4	Octadecanoic acid	110	J			19.534	

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	JC-03-081324-B	SDG No.:	BP081524
Lab Sample ID:	P3598-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
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
BP021530.D	1	8/14/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007225-64-1	Heptadecane, 9-octyl-	130	J			20.345	

Hit Summary Sheet SW-846

SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT3-2024								
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,1-Biphenyl	140.000	J	87.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	86.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,2,4-Trichlorobenzene	130.000	J	85.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,2-Dichlorobenzene	140.000	J	84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,3-Dichlorobenzene	140.000	J	86	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,4-Dichlorobenzene	140.000	J	86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,4-Dioxane	140.000	J	110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1-Methylnaphthalene	130.000	J	83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,2-oxybis(1-Chloropropane)	160.000	J	90.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,3,4,6-Tetrachlorophenol	130.000	J	74.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4,5-Trichlorophenol	120.000	J	74	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4,6-Trichlorophenol	120.000	J	71.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dichlorophenol	130.000	J	75.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dimethylphenol	130.000	J	93.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dinitrotoluene	250.000		86.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,6-Dinitrotoluene	230.000		83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Chloronaphthalene	130.000	J	83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Chlorophenol	140.000	J	83.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Methylnaphthalene	140.000	J	82.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Methylphenol	140.000	J	80.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Nitroaniline	260.000		95	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Nitrophenol	170.000		94.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	3+4-Methylphenols	140.000	J	79.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	3,3-Dichlorobenzidine	120.000	J	98.6	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	3-Nitroaniline	240.000		89.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4,6-Dinitro-2-methylphenol	250.000	J	120	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Bromophenyl-phenylether	120.000	J	78.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Chloro-3-methylphenol	130.000	J	77.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Chloroaniline	150.000	J	82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Chlorophenyl-phenylether	140.000	J	85.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Nitroaniline	210.000		110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Nitrophenol	260.000	J	120	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthene	140.000	J	81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthylene	150.000	J	86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acetophenone	140.000	J	86.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Aniline	160.000	J	96.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Anthracene	140.000	J	84.4	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-202	Solid	Atrazine	140.000	J	91.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Azobenzene	150.000	J	79.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzaldehyde	190.000	J	180	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzidine	230.000	J	160	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)anthracene	140.000	J	80.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)pyrene	130.000	J	93	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(b)fluoranthene	130.000	J	81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(g,h,i)perylene	100.000	J	80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(k)fluoranthene	130.000	J	82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzyl Alcohol	150.000	J	83	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethoxy)methane	140.000	J	85.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethyl)ether	140.000	J	83.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	91	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Butylbenzylphthalate	200.000		96.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Caprolactam	140.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Carbazole	140.000	J	80.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Chrysene	140.000	J	79.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Di-n-butylphthalate	130.000	J	84.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Di-n-octyl phthalate	230.000	J	110	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dibenzo(a,h)anthracene	110.000	J	81.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dibenzofuran	150.000	J	84.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Diethylphthalate	150.000	J	80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dimethylphthalate	150.000	J	81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Fluoranthene	130.000	J	81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Fluorene	150.000	J	85.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobenzene	130.000	J	85	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobutadiene	130.000	J	83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachloroethane	140.000	J	83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	78.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Isophorone	140.000	J	84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitroso-di-n-propylamine	150.000		40.3	80	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodimethylamine	150.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodiphenylamine	140.000	J	81.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Naphthalene	140.000	J	82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Nitrobenzene	150.000	J	90.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Pentachlorophenol	98.000	J	77.3	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Phenanthrene	140.000	J	84	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Phenol	140.000	J	82.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Pyrene	140.000	J	83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Pyridine	120.000	J	79.9	170	ug/Kg

Hit Summary Sheet
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SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	480.000		169.4	340	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Total PAH	2,120.000	J	1325.1	2720	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,1-Biphenyl	280.000		87.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,2,4,5-Tetrachlorobenzene	280.000		86.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,2,4-Trichlorobenzene	260.000		85.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,2-Dichlorobenzene	270.000		84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,3-Dichlorobenzene	270.000		86	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,4-Dichlorobenzene	270.000		86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,4-Dioxane	290.000		110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1-Methylnaphthalene	250.000		83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,2-oxybis(1-Chloropropane)	280.000		90.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,3,4,6-Tetrachlorophenol	250.000		74.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4,5-Trichlorophenol	260.000		74	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4,6-Trichlorophenol	240.000		71.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dichlorophenol	260.000		75.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dimethylphenol	260.000		93.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrophenol	330.000		240	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrotoluene	330.000		86.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,6-Dinitrotoluene	330.000		83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Chloronaphthalene	280.000		83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Chlorophenol	280.000		83.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Methylnaphthalene	260.000		82.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Methylphenol	260.000		80.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Nitroaniline	360.000		95	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Nitrophenol	350.000		94.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	3+4-Methylphenols	250.000	J	79.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	3,3-Dichlorobenzidine	240.000	J	98.6	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	3-Nitroaniline	340.000		89.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4,6-Dinitro-2-methylphenol	340.000		120	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Bromophenyl-phenylether	230.000		78.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Chloro-3-methylphenol	250.000		77.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Chloroaniline	290.000		82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Chlorophenyl-phenylether	260.000		85.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Nitroaniline	310.000		110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Nitrophenol	350.000		120	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Acenaphthene	270.000		81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Acenaphthylene	300.000		86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Acetophenone	280.000		86.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Aniline	320.000		96.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Anthracene	270.000		84.4	170	ug/Kg

Hit Summary Sheet
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SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-202	Solid	Atrazine	250.000		91.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Azobenzene	270.000		79.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzaldehyde	340.000		180	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzidine	330.000		160	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)anthracene	270.000		80.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)pyrene	260.000		93	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(b)fluoranthene	250.000		81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(g,h,i)perylene	250.000		80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(k)fluoranthene	260.000		82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzoic acid	290.000	J	240	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzyl Alcohol	270.000	J	83	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethoxy)methane	260.000		85.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethyl)ether	270.000		83.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Bis(2-ethylhexyl)phthalate	190.000		91	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Butylbenzylphthalate	260.000		96.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Caprolactam	230.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Carbazole	260.000		80.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Chrysene	270.000		79.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Di-n-butylphthalate	210.000		84.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Di-n-octyl phthalate	280.000	J	110	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dibenzo(a,h)anthracene	250.000		81.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dibenzofuran	280.000		84.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Diethylphthalate	250.000		80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dimethylphthalate	270.000		81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Fluoranthene	250.000		81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Fluorene	270.000		85.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobenzene	260.000		85	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobutadiene	250.000		83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorocyclopentadiene	260.000	J	160	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachloroethane	260.000		83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Indeno(1,2,3-cd)pyrene	250.000		78.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Isophorone	260.000		84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitroso-di-n-propylamine	260.000		40.3	80	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodimethylamine	290.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodiphenylamine	280.000		81.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Naphthalene	270.000		82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Nitrobenzene	300.000		90.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Pentachlorophenol	180.000	J	77.3	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Phenanthrene	280.000		84	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Phenol	270.000		82.9	170	ug/Kg

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SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pyrene	270.000		83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pyridine	250.000		79.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	660.000		169.4	340	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Total PAH	4,240.000		1325.1	2720	ug/Kg
Total Svoc :				40,878.00				
Total Concentration:				40,878.00				

Client ID : MDL-WATER-03-QT3-2024

P3390-09	MDL-WATER-03-QT3-20	Water	1,1-Biphenyl	4.300	J	0.91	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1,2,4,5-Tetrachlorobenzene	4.200	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1,2,4-Trichlorobenzene	4.100	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1,2-Dichlorobenzene	4.100	J	0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1,3-Dichlorobenzene	4.100	J	0.8	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1,4-Dichlorobenzene	4.100	J	0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1,4-Dioxane	4.500	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	1-Methylnaphthalene	3.900	J	0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,3,4,6-Tetrachlorophenol	3.600	J	0.79	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,4,5-Trichlorophenol	3.600	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,4,6-Trichlorophenol	3.400	J	0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,4-Dichlorophenol	3.600	J	0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,4-Dimethylphenol	3.700	J	1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,4-Dinitrotoluene	7.200		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2,6-Dinitrotoluene	6.700		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2-Chloronaphthalene	4.100	J	0.97	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2-Chlorophenol	4.300	J	0.71	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2-Methylnaphthalene	4.000	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2-Methylphenol	3.900	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2-Nitroaniline	7.800		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	2-Nitrophenol	5.000		2	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	3+4-Methylphenols	3.800	J	1.2	10	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	3,3-Dichlorobenzidine	3.700	J	1.3	10	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	3-Nitroaniline	6.900		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4,6-Dinitro-2-methylphenol	7.400	J	3.1	10	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4-Bromophenyl-phenylether	3.500	J	0.95	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4-Chloro-3-methylphenol	3.700	J	0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4-Chloroaniline	4.200	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4-Chlorophenyl-phenylether	4.200	J	0.98	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4-Nitroaniline	5.900		2	5	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	4-Nitrophenol	7.700	J	2	10	ug/L
P3390-09	MDL-WATER-03-QT3-20	Water	Acenaphthene	4.000	J	0.81	5	ug/L

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SDG No.: BP081524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	4.300	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acetophenone	4.300	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Aniline	4.700	J	1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Anthracene	4.100	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Atrazine	4.100	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Azobenzene	4.300	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzaldehyde	5.500	J	4	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzidine	6.900	J	4.1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	4.100	J	0.94	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	3.800	J	1.7	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	3.700	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	3.600	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	3.800	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzoic acid	6.300	J	5.5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzyl Alcohol	4.000	J	1.6	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethoxy)methane	4.100	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	4.100	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Bis(2-ethylhexyl)phthalate	3.000	J	1.9	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Butylbenzylphthalate	5.700		2.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Caprolactam	3.700	J	1.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Carbazole	4.100	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Chrysene	4.100	J	0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-butylphthalate	3.500	J	1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-octyl phthalate	6.700	J	2.5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	3.700	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzofuran	4.300	J	0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Diethylphthalate	4.100	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dimethylphthalate	4.300	J	0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	4.000	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluorene	4.200	J	0.96	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	3.900	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	3.800	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachloroethane	4.100	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	3.700	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Isophorone	4.000	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitroso-di-n-propylamine	3.900		1.5	2.5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	4.200	J	1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodiphenylamine	4.000	J	0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	4.200	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Nitrobenzene	4.700	J	1.3	5	ug/L

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SDG No.: BP081524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	Pentachlorophenol	2.800	J	1.9	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	4.300	J	0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenol	4.200	J	0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyrene	3.800	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyridine	3.600	J	1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	13.900		2.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Total PAH	63.400	J	17.36	80	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,1-Biphenyl	8.300		0.91	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2,4,5-Tetrachlorobenzene	8.300		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2,4-Trichlorobenzene	8.000		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2-Dichlorobenzene	8.300		0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,3-Dichlorobenzene	8.100		0.8	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dichlorobenzene	8.200		0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dioxane	8.200		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1-Methylnaphthalene	7.700		0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,2-oxybis(1-Chloropropane)	8.900		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,3,4,6-Tetrachlorophenol	7.700		0.79	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4,5-Trichlorophenol	7.600		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4,6-Trichlorophenol	7.400		0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dichlorophenol	7.700		0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dimethylphenol	7.800		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrophenol	10.100		6.4	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene	10.100		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,6-Dinitrotoluene	9.900		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Chloronaphthalene	8.100		0.97	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Chlorophenol	8.400		0.71	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylnaphthalene	8.100		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylphenol	8.100		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Nitroaniline	10.900		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Nitrophenol	10.600		2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3+4-Methylphenols	8.100	J	1.2	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3,3-Dichlorobenzidine	7.900	J	1.3	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3-Nitroaniline	10.200		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4,6-Dinitro-2-methylphenol	10.600		3.1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Bromophenyl-phenylether	7.600		0.95	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chloro-3-methylphenol	7.600		0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chloroaniline	8.400		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chlorophenyl-phenylether	8.200		0.98	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Nitroaniline	9.000		2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Nitrophenol	10.300		2	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BP081524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthene	8.000		0.81	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	8.600		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acetophenone	8.300		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Aniline	9.900		1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Anthracene	8.200		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Atrazine	8.100		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Azobenzene	8.300		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzaldehyde	10.600		4	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzidine	10.000		4.1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	8.100		0.94	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	7.800		1.7	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	7.700		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	7.400		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	7.800		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzoic acid	9.100	J	5.5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzyl Alcohol	8.600	J	1.6	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethoxy)methane	8.300		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	8.500		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Bis(2-ethylhexyl)phthalate	7.000		1.9	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Butylbenzylphthalate	8.600		2.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Caprolactam	7.100	J	1.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Carbazole	7.800		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Chrysene	8.000		0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-butylphthalate	7.200		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-octyl phthalate	9.400	J	2.5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	7.700		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzofuran	8.300		0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Diethylphthalate	7.700		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dimethylphthalate	8.100		0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	7.400		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluorene	8.200		0.96	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	8.000		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	7.700		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorocyclopentadiene	7.800	J	5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachloroethane	8.200		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	7.700		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Isophorone	8.100		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitroso-di-n-propylamine	8.500		1.5	2.5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	8.300	J	1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodiphenylamine	8.400		0.89	5	ug/L

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SDG No.: BP081524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	8.100		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Nitrobenzene	8.900		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pentachlorophenol	5.700	J	1.9	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	8.400		0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenol	8.300		0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyrene	8.000		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyridine	7.100		1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	20.000		2.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Total PAH	127.000		17.36	80	ug/L

Total Svoc : **1,235.50**

Total Concentration: **1,235.50**

Client ID : **S-856-J-S0-1-1.5-080924-FD**

P3573-06	S-856-J-S0-1-1.5-080924 Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3573-06	S-856-J-S0-1-1.5-080924 Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P3573-06	S-856-J-S0-1-1.5-080924 Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3573-06	S-856-J-S0-1-1.5-080924 Solid	Cyclotetradecane	*	180.000	J		
P3573-06	S-856-J-S0-1-1.5-080924 Solid	n-Hexadecanoic acid	*	150.000	J		
P3573-06	S-856-J-S0-1-1.5-080924 Solid	Propylene Glycol	*	120.000	J		

Total Tics : **2,420.00**

Total Concentration: **2,420.00**

Client ID : **S-856-J-S0-2-2.5-080924**

P3573-08	S-856-J-S0-2-2.5-080924 Solid	1-Heneicosyl formate	*	150.000	J		
P3573-08	S-856-J-S0-2-2.5-080924 Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3573-08	S-856-J-S0-2-2.5-080924 Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P3573-08	S-856-J-S0-2-2.5-080924 Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3573-08	S-856-J-S0-2-2.5-080924 Solid	n-Hexadecanoic acid	*	120.000	J		
P3573-08	S-856-J-S0-2-2.5-080924 Solid	Propylene Glycol	*	120.000	J		

Total Tics : **2,360.00**

Total Concentration: **2,360.00**

Client ID : **S-856-J-S0-4-4.5-080924**

P3573-10	S-856-J-S0-4-4.5-080924 Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3573-10	S-856-J-S0-4-4.5-080924 Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3573-10	S-856-J-S0-4-4.5-080924 Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3573-10	S-856-J-S0-4-4.5-080924 Solid	n-Hexadecanoic acid	*	220.000	J		
P3573-10	S-856-J-S0-4-4.5-080924 Solid	n-Nonadecanol-1	*	160.000	J		
P3573-10	S-856-J-S0-4-4.5-080924 Solid	Propylene Glycol	*	170.000	J		

Total Tics : **2,950.00**

Total Concentration: **2,950.00**

Client ID : **EB-01-080924**

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SDG No.: BP081524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3573-12	EB-01-080924	Water	.gamma.-Sitosterol	*	13.300	J		
P3573-12	EB-01-080924	Water	1,4-Benzenedicarboxylic acid, bis	*	16.900	J		
P3573-12	EB-01-080924	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.200	J		
P3573-12	EB-01-080924	Water	9,12-Octadecadienoic acid (Z,Z)-	*	2.800	J		
P3573-12	EB-01-080924	Water	Butane, 2-methoxy-2-methyl-	*	160.000	J		
P3573-12	EB-01-080924	Water	Docosane, 7-hexyl-	*	3.900	J		
P3573-12	EB-01-080924	Water	Eicosanoic acid	*	2.100	J		
P3573-12	EB-01-080924	Water	Hexadecanamide	*	2.400	J		
P3573-12	EB-01-080924	Water	n-Hexadecanoic acid	*	69.800	J		
P3573-12	EB-01-080924	Water	Octadecanoic acid	*	16.100	J		
P3573-12	EB-01-080924	Water	Octadecanoic acid, 2-(2-hydroxye	*	22.900	J		
P3573-12	EB-01-080924	Water	Oleic Acid	*	8.400	J		
P3573-12	EB-01-080924	Water	Pentadecanoic acid	*	3.600	J		
P3573-12	EB-01-080924	Water	Stearic acid, TMS derivative	*	8.100	J		
P3573-12	EB-01-080924	Water	Tetradecanoic acid	*	2.900	J		
P3573-12	EB-01-080924	Water	Tridecanoic acid	*	140.000	J		
P3573-12	EB-01-080924	Water	unknown18.204	*	92.200	J		
P3573-12	EB-01-080924	Water	unknown25.898	*	3.500	J		
P3573-12	EB-01-080924	Water	Valeramide, N-octadecyl-	*	3.500	J		
Total Tics :					579.60			
Total Concentration:					579.60			

Client ID : VCPS-B1-081224-0-16

P3579-02	VCPS-B1-081224-0-16	Solid	2-Bromo dodecane	*	230.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	3,5-Dimethyldodecane	*	240.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	4H-Cyclopenta[def]phenanthrene	*	570.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Anthracene, 1-methyl-	*	760.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Anthracene, 2-methyl-	*	330.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Benzo[e]pyrene	*	560.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Cyclopenta(def)phenanthrenone	*	290.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Decane, 2,3,5-trimethyl-	*	1,200.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Docosane, 1-iodo-	*	400.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Dodecane, 2,6,10-trimethyl-	*	230.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Dodecane, 2,6,11-trimethyl-	*	340.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Dodecane, 6-methyl-	*	310.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Heptadecane	*	260.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Pentadecane, 7-methyl-	*	280.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Phenanthrene, 1-methyl-	*	260.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Phenanthrene, 2,5-dimethyl-	*	360.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	Tridecane	*	1,300.000	J		

Hit Summary Sheet SW-846

SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3579-02	VCPS-B1-081224-0-16	Solid	Tridecane, 2-methyl-	*	300.000	J		
P3579-02	VCPS-B1-081224-0-16	Solid	unknown12.716	*	350.000	J		
Total Tics :				9,770.00				
P3579-02	VCPS-B1-081224-0-16	Solid	Acenaphthylene	600.000		100	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Anthracene	610.000		100	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Benzo(a)anthracene	2,000.000		95.6	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Benzo(a)pyrene	1,700.000		110	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Benzo(b)fluoranthene	2,100.000		96.1	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Benzo(g,h,i)perylene	1,000.000		94.9	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Benzo(k)fluoranthene	700.000		97.8	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Chrysene	1,900.000		94.2	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Dibenzo(a,h)anthracene	310.000		96.2	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Fluoranthene	2,400.000		96.8	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Indeno(1,2,3-cd)pyrene	950.000		92.5	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Phenanthrene	1,100.000		99.5	200	ug/Kg
P3579-02	VCPS-B1-081224-0-16	Solid	Pyrene	2,600.000		98.3	200	ug/Kg
Total Svoc :				17,970.00				
Total Concentration:				27,740.00				

Client ID : S-855-J-SO-1.5-2-081224

P3582-02	S-855-J-SO-1.5-2-081224	Solid	1-Nonadecene	*	95.500	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	3-Eicosene, (E)-	*	230.000	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	Hexadecanoic acid, 1,1-dimethyle	*	91.500	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	n-Hexadecanoic acid	*	550.000	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	Octadecanoic acid	*	670.000	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	Propylene Glycol	*	190.000	J		
P3582-02	S-855-J-SO-1.5-2-081224	Solid	unknown23.910	*	380.000	J		
Total Tics :				4,547.00				
Total Concentration:				4,547.00				

Client ID : S-855-J-SO-2-2.5-081224

P3582-03	S-855-J-SO-2-2.5-081224	Solid	1-Phenoxypropan-2-ol	*	95.400	J		
P3582-03	S-855-J-SO-2-2.5-081224	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P3582-03	S-855-J-SO-2-2.5-081224	Solid	n-Hexadecanoic acid	*	120.000	J		
P3582-03	S-855-J-SO-2-2.5-081224	Solid	Octadecanoic acid	*	96.700	J		
P3582-03	S-855-J-SO-2-2.5-081224	Solid	unknown23.915	*	420.000	J		
Total Tics :				1,932.10				
P3582-03	S-855-J-SO-2-2.5-081224	Solid	Fluoranthene	140.000	J	100	220	ug/Kg
P3582-03	S-855-J-SO-2-2.5-081224	Solid	Pyrene	130.000	J	110	220	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	270.00				
			Total Concentration:	2,202.10				
Client ID : S-855-J-SO-3-3.5-081224								
P3582-04	S-855-J-SO-3-3.5-081224	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3582-04	S-855-J-SO-3-3.5-081224	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	100.000	A		
P3582-04	S-855-J-SO-3-3.5-081224	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3582-04	S-855-J-SO-3-3.5-081224	Solid	n-Hexadecanoic acid	*	160.000	J		
P3582-04	S-855-J-SO-3-3.5-081224	Solid	Propylene Glycol	*	120.000	J		
P3582-04	S-855-J-SO-3-3.5-081224	Solid	unknown23.910	*	140.000	J		
			Total Tics :	2,260.00				
P3582-04	S-855-J-SO-3-3.5-081224	Solid	Benzo(b)fluoranthene		120.000	J	100	220 ug/Kg
P3582-04	S-855-J-SO-3-3.5-081224	Solid	Fluoranthene		170.000	J	110	220 ug/Kg
P3582-04	S-855-J-SO-3-3.5-081224	Solid	Pyrene		140.000	J	110	220 ug/Kg
			Total Svoc :	430.00				
			Total Concentration:	2,690.00				
Client ID : EB-01-081224								
P3582-07	EB-01-081224	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.200	J		
P3582-07	EB-01-081224	Water	Butane, 2-methoxy-2-methyl-	*	170.000	J		
P3582-07	EB-01-081224	Water	n-Hexadecanoic acid	*	7.000	J		
P3582-07	EB-01-081224	Water	Octadecanoic acid	*	14.400	J		
			Total Tics :	196.60				
			Total Concentration:	196.60				
Client ID : JC-03-081324-A								
P3598-01	JC-03-081324-A	Solid	1-Phenoxypropan-2-ol	*	67.400	J		
P3598-01	JC-03-081324-A	Solid	1-Tricosene	*	110.000	J		
P3598-01	JC-03-081324-A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	63.200	A		
P3598-01	JC-03-081324-A	Solid	Butane, 2-methoxy-2-methyl-	*	720.000	J		
P3598-01	JC-03-081324-A	Solid	Dodecane, 2,6,10-trimethyl-	*	52.000	J		
P3598-01	JC-03-081324-A	Solid	Heptadecane, 2,6,10,15-tetramethy	*	52.600	J		
P3598-01	JC-03-081324-A	Solid	Heptadecane, 2,6-dimethyl-	*	55.400	J		
P3598-01	JC-03-081324-A	Solid	n-Hexadecanoic acid	*	100.000	J		
P3598-01	JC-03-081324-A	Solid	Naphthalene, 2-methyl-	*	61.100	J		
P3598-01	JC-03-081324-A	Solid	Octadecanoic acid	*	89.700	J		
P3598-01	JC-03-081324-A	Solid	Pentadecane, 2,6,10,14-tetramethy	*	51.800	J		
			Total Tics :	1,423.20				
P3598-01	JC-03-081324-A	Solid	Naphthalene		86.000	J	52.6	110 ug/Kg
P3598-01	JC-03-081324-A	Solid	Pyrene		55.900	J	52.8	110 ug/Kg
			Total Svoc :	141.90				
			Total Concentration:	1,565.10				

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SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : JC-03-081324-B								
P3598-03	JC-03-081324-B	Solid	Benzene, 1-methyl-4-(1-methylpr	*	110.000	J		
P3598-03	JC-03-081324-B	Solid	Butane, 2-methoxy-2-methyl-	*	780.000	J		
P3598-03	JC-03-081324-B	Solid	Carbonic acid, prop-1-en-2-yl tetr	*	160.000	J		
P3598-03	JC-03-081324-B	Solid	Decane, 1-iodo-	*	370.000	J		
P3598-03	JC-03-081324-B	Solid	Dodecane, 1-iodo-	*	420.000	J		
P3598-03	JC-03-081324-B	Solid	Dodecane, 4,6-dimethyl-	*	97.900	J		
P3598-03	JC-03-081324-B	Solid	Eicosane	*	350.000	J		
P3598-03	JC-03-081324-B	Solid	Heneicosane	*	500.000	J		
P3598-03	JC-03-081324-B	Solid	Heptadecane	*	350.000	J		
P3598-03	JC-03-081324-B	Solid	Heptadecane, 2,6,10,15-tetrameth	*	700.000	J		
P3598-03	JC-03-081324-B	Solid	Heptadecane, 9-octyl-	*	130.000	J		
P3598-03	JC-03-081324-B	Solid	Hexacosane	*	99.500	J		
P3598-03	JC-03-081324-B	Solid	Hexadecane	*	350.000	J		
P3598-03	JC-03-081324-B	Solid	n-Hexadecanoic acid	*	200.000	J		
P3598-03	JC-03-081324-B	Solid	Naphthalene, 1,2,3,4-tetrahydro-5	*	99.100	J		
P3598-03	JC-03-081324-B	Solid	Octadecanoic acid	*	110.000	J		
P3598-03	JC-03-081324-B	Solid	Tetradecane	*	270.000	J		
P3598-03	JC-03-081324-B	Solid	Triacontane	*	250.000	J		
P3598-03	JC-03-081324-B	Solid	Tridecane	*	210.000	J		
P3598-03	JC-03-081324-B	Solid	Tridecane, 5-propyl-	*	200.000	J		
Total Tics :					5,756.50			
P3598-03	JC-03-081324-B	Solid	Benzo(a)anthracene		58.900	J	50.2	110 ug/Kg
P3598-03	JC-03-081324-B	Solid	Benzo(a)pyrene		62.500	J	57.9	110 ug/Kg
P3598-03	JC-03-081324-B	Solid	Benzo(b)fluoranthene		70.700	J	50.5	110 ug/Kg
P3598-03	JC-03-081324-B	Solid	Chrysene		66.000	J	49.5	110 ug/Kg
P3598-03	JC-03-081324-B	Solid	Fluoranthene		95.600	J	50.8	110 ug/Kg
P3598-03	JC-03-081324-B	Solid	Phenanthrene		59.700	J	52.3	110 ug/Kg
P3598-03	JC-03-081324-B	Solid	Pyrene		110.000		51.6	110 ug/Kg
Total Svoc :							523.40	
Total Concentration:							6,279.90	
Client ID : NB-08-08142024								
P3607-01	NB-08-08142024	Solid	1-Octadecanesulphonyl chloride	*	1,900.000	J		
P3607-01	NB-08-08142024	Solid	10-Methylnonadecane	*	270.000	J		
P3607-01	NB-08-08142024	Solid	9-methylheptadecane	*	570.000	J		
P3607-01	NB-08-08142024	Solid	Benzo[e]pyrene	*	200.000	J		
P3607-01	NB-08-08142024	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3607-01	NB-08-08142024	Solid	Carbonic acid, eicosyl vinyl ester	*	1,300.000	J		
P3607-01	NB-08-08142024	Solid	Decane, 2,3,5-trimethyl-	*	880.000	J		
P3607-01	NB-08-08142024	Solid	Dodecane, 2,7,10-trimethyl-	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BP081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3607-01	NB-08-08142024	Solid	Dodecane, 2-methyl-	*	210.000	J		
P3607-01	NB-08-08142024	Solid	Dodecane, 2-methyl-6-propyl-	*	1,100.000	J		
P3607-01	NB-08-08142024	Solid	Eicosane	*	940.000	J		
P3607-01	NB-08-08142024	Solid	Heptadecane	*	760.000	J		
P3607-01	NB-08-08142024	Solid	Hexadecane, 1-iodo-	*	580.000	J		
P3607-01	NB-08-08142024	Solid	Hexadecane, 2,6,10,14-tetramethy	*	420.000	J		
P3607-01	NB-08-08142024	Solid	n-Hexadecanoic acid	*	540.000	J		
P3607-01	NB-08-08142024	Solid	Nonadecane, 9-methyl-	*	1,200.000	J		
P3607-01	NB-08-08142024	Solid	Octadecane, 2-methyl-	*	200.000	J		
P3607-01	NB-08-08142024	Solid	Tetracosane	*	420.000	J		
P3607-01	NB-08-08142024	Solid	Tetradecane	*	240.000	J		
P3607-01	NB-08-08142024	Solid	Tridecane	*	370.000	J		
Total Tics :				13,610.00				
P3607-01	NB-08-08142024	Solid	1-Methylnaphthalene	72.200	J	57.9	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Acenaphthene	76.700	J	56.4	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Anthracene	190.000		58.7	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Benzo(a)anthracene	280.000		56.1	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Benzo(a)pyrene	280.000		64.7	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Benzo(b)fluoranthene	300.000		56.4	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Benzo(g,h,i)perylene	150.000		55.7	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Benzo(k)fluoranthene	92.000	J	57.5	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Chrysene	310.000		55.3	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Fluoranthene	640.000		56.8	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Fluorene	160.000		59.5	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Indeno(1,2,3-cd)pyrene	120.000		54.3	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Phenanthrene	650.000		58.4	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Pyrene	600.000		57.7	120	ug/Kg
P3607-01	NB-08-08142024	Solid	Total PAH	3,848.000		921.7	1920	ug/Kg
Total Svoc :				7,768.90				
Total Concentration:				21,378.90				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.545	0.525	0.568	0.532	0.516	0.536	3.4
Pyridine		1.744	1.720	1.915	1.802	1.741	1.783	4.0
2-Fluorophenol		1.332	1.286	1.405	1.348	1.324	1.347	3.2
Benzaldehyde		1.364	1.447	1.409	1.198	1.073	1.258	13.7
Aniline		1.964	2.035	2.053	1.978	1.925	1.964	3.6
Phenol-d6		1.897	1.960	2.062	1.978	1.953	1.965	2.9
Phenol		1.968	2.023	2.138	2.045	2.020	2.035	2.9
bis(2-Chloroethyl)ether		1.757	1.800	1.787	1.702	1.680	1.722	3.5
2-Chlorophenol		1.199	1.221	1.291	1.250	1.236	1.245	2.7
1,2-Dichlorobenzene		1.523	1.475	1.513	1.410	1.377	1.439	4.6
1,3-Dichlorobenzene		1.579	1.479	1.546	1.452	1.422	1.479	4.3
1,4-Dichlorobenzene		1.571	1.514	1.553	1.475	1.435	1.493	3.9
Benzyl Alcohol		1.306	1.454	1.474	1.415	1.417	1.410	4.1
2-Methylphenol		1.257	1.313	1.350	1.290	1.277	1.286	3.0
2,2-oxybis(1-Chloropropane)		1.639	1.716	1.642	1.546	1.549	1.585	5.2
Acetophenone		0.636	0.621	0.643	0.612	0.591	0.614	3.3
3+4-Methylphenols		1.595	1.820	1.795	1.758	1.734	1.734	4.5
n-Nitroso-di-n-propylamine	1.329	1.436	1.555	1.433	1.340	1.308	1.357	8.4
Nitrobenzene-d5		0.300	0.339	0.386	0.410	0.412	0.387	13.1
Hexachloroethane		0.599	0.590	0.617	0.594	0.587	0.599	2.0
Nitrobenzene		0.338	0.385	0.430	0.443	0.435	0.421	10.4
Isophorone		0.947	0.970	0.951	0.913	0.877	0.915	4.5
2-Nitrophenol		0.054	0.063	0.076	0.094	0.107	0.086	30.3
2,4-Dimethylphenol		0.218	0.225	0.232	0.225	0.221	0.226	2.3
bis(2-Chloroethoxy)methane		0.577	0.574	0.572	0.549	0.542	0.559	2.7
2,4-Dichlorophenol		0.226	0.249	0.270	0.273	0.275	0.267	8.4
1,2,4-Trichlorobenzene		0.355	0.332	0.347	0.340	0.331	0.342	2.6
Benzoic acid			0.082	0.104	0.129	0.151	0.137	29.1
Naphthalene		1.084	1.041	1.074	1.041	1.002	1.045	2.6
4-Chloroaniline		0.394	0.403	0.406	0.395	0.379	0.392	2.6
Hexachlorobutadiene		0.217	0.213	0.218	0.215	0.210	0.215	1.5
Caprolactam		0.099	0.115	0.118	0.114	0.109	0.111	5.4
4-Chloro-3-methylphenol		0.332	0.375	0.382	0.383	0.370	0.370	4.7
2-Methylnaphthalene		0.747	0.742	0.730	0.705	0.683	0.713	3.8
Hexachlorocyclopentadiene		0.159	0.153	0.174	0.192	0.195	0.186	13.2
2,4,6-Trichlorophenol		0.261	0.284	0.318	0.343	0.339	0.326	12.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.371	1.314	1.335	1.327	1.264	1.310	3.1
2,4,5-Trichlorophenol		0.284	0.316	0.360	0.382	0.378	0.362	12.7
1,1-Biphenyl		1.462	1.400	1.434	1.428	1.362	1.415	2.4
2-Chloronaphthalene		1.121	1.075	1.117	1.116	1.065	1.102	2.3
2-Nitroaniline		0.146	0.181	0.231	0.285	0.294	0.256	28.1
Dimethylphthalate		1.387	1.365	1.369	1.352	1.276	1.339	3.2
Acenaphthylene		1.660	1.610	1.657	1.645	1.561	1.619	2.5
2,6-Dinitrotoluene		0.129	0.187	0.227	0.255	0.261	0.232	24.3
3-Nitroaniline		0.127	0.185	0.221	0.254	0.254	0.228	24.3
Acenaphthene		1.094	1.058	1.074	1.073	1.023	1.063	2.2
2,4-Dinitrophenol			0.045	0.052	0.066	0.073	0.069	27.0
4-Nitrophenol			0.141	0.177	0.202	0.201	0.195	16.3
Dibenzofuran		1.735	1.637	1.677	1.649	1.563	1.635	3.7
2,4-Dinitrotoluene		0.140	0.214	0.262	0.320	0.328	0.284	29.5
Diethylphthalate		1.405	1.395	1.427	1.397	1.318	1.374	3.3
4-Chlorophenyl-phenylether		0.741	0.724	0.718	0.695	0.656	0.694	5.2
Fluorene		1.431	1.400	1.408	1.354	1.260	1.343	5.7
4-Nitroaniline		0.148	0.198	0.242	0.273	0.262	0.241	21.1
4,6-Dinitro-2-methylphenol			0.031	0.039	0.052	0.060	0.054	30.9
n-Nitrosodiphenylamine		0.534	0.541	0.549	0.538	0.523	0.536	1.5
Azobenzene		1.797	1.779	1.778	1.714	1.555	1.689	6.2
2,4,6-Tribromophenol		0.179	0.204	0.222	0.236	0.231	0.223	10.5
4-Bromophenyl-phenylether		0.211	0.210	0.212	0.207	0.210	0.212	1.4
Hexachlorobenzene		0.255	0.249	0.250	0.252	0.245	0.250	1.3
Atrazine		0.181	0.186	0.196	0.191	0.179	0.184	4.0
Pentachlorophenol			0.108	0.125	0.137	0.143	0.137	13.1
Phenanthrene		0.990	0.963	0.998	0.965	0.932	0.962	2.7
Anthracene		0.954	0.955	0.970	0.950	0.915	0.943	2.2
Carbazole		0.908	0.906	0.941	0.930	0.873	0.909	2.5
Di-n-butylphthalate		1.049	1.065	1.149	1.149	1.133	1.116	3.7
Fluoranthene		1.215	1.153	1.233	1.200	1.137	1.180	3.2
Benzidine			0.297	0.451	0.477	0.476	0.420	16.1
Pyrene		1.283	1.470	1.295	1.290	1.262	1.307	5.6
Terphenyl-d14		1.069	1.196	1.034	1.006	0.973	1.029	8.2
Butylbenzylphthalate		0.298	0.365	0.411	0.470	0.489	0.437	18.8
3,3-Dichlorobenzidine		0.349	0.358	0.413	0.428	0.419	0.403	8.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP081324 SAS No.: BP081324 SDG No.: BP081324
Instrument ID: _____ Calibration Date(s): 8/13/2024 : _____
Calibration Time(s): 12:32 _____

LAB FILE ID:		RRF2.5 = BP021481.D			RRF005 = BP021482.D		RRF010 = BP021483.D	
		RRF020 = BP021484.D			RRF040 = BP021485.D		RRF050 = BP021486.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.271	1.247	1.291	1.268	1.224	1.256	1.8
Chrysene		1.213	1.180	1.205	1.197	1.151	1.185	1.8
Bis(2-ethylhexyl)phthalate		0.607	0.635	0.741	0.781	0.804	0.742	11.7
Di-n-octyl phthalate			0.839	1.115	1.247	1.285	1.199	16.5
Benzo(b)fluoranthene		1.106	1.152	1.158	1.155	1.119	1.149	2.4
Benzo(k)fluoranthene		1.115	1.101	1.124	1.141	1.103	1.121	1.7
Benzo(a)pyrene		0.953	0.953	1.003	1.012	0.996	0.997	3.3
Indeno(1,2,3-cd)pyrene		1.244	1.156	1.317	1.327	1.297	1.296	5.8
Dibenzo(a,h)anthracene		1.034	0.965	1.106	1.102	1.080	1.077	5.5
Benzo(g,h,i)perylene		1.052	0.955	1.096	1.102	1.074	1.080	5.9
1,2,4,5-Tetrachlorobenzene		0.574	0.543	0.592	0.595	0.578	0.586	4.0
1,4-Dioxane		0.685	0.614	0.681	0.642	0.599	0.639	5.4
2,3,4,6-Tetrachlorophenol		0.250	0.278	0.302	0.328	0.317	0.307	10.7
1-Methylnaphthalene		0.742	0.735	0.725	0.697	0.673	0.703	4.4

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.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 09:52

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	334672	7.811	1.37913e+01	10.60	890240	14.46
	UPPER LIMIT	669344	8.311	2758260	11.099	1780480	14.957
	LOWER LIMIT	167336	7.311	689565	10.099	445120	13.957
	EPA SAMPLE NO.						
01	PB162549BL	334023	7.81	1.3246e+	10.59	827796	14.45
02	PB162553BL	316044	7.80	1.25738e	10.59	834448	14.44
03	MDL-SOIL-03-QT3-2024	444773	7.81	2.0113e+	10.59	1.44514e	14.44
04	MDL-SOIL-03-QT3-2024	348397	7.81	1.43129e	10.59	899064	14.44
05	MDL-WATER-03-QT3-2024	356883	7.81	1.466e+0	10.59	971108	14.44
06	MDL-WATER-03-QT3-2024	359499	7.81	1.56717e	10.59	1.03539e	14.45
07	PB162688BL	460064	7.81	1.92381e	10.59	1.37375e	14.44
08	EB-01-080924	407321	7.80	1.61274e	10.58	1.03057e	14.44
09	EB-01-081224	388286	7.81	1.4557e+	10.59	851026	14.45
10	S-855-J-SO-1.5-2-081224	419213	7.80	1.62761e	10.59	993994	14.44
11	S-855-J-SO-3-3.5-081224	409072	7.81	1.60336e	10.59	1.02417e	14.44
12	S-855-J-SO-2-2.5-081224	453384	7.80	1.73605e	10.59	1.02941e	14.43
13	S-856-J-S0-1-1.5-080924-FD	407787	7.80	1.62432e	10.59	1.04184e	14.45
14	S-856-J-S0-2-2.5-080924	387937	7.80	1.53201e	10.59	962989	14.44
15	S-856-J-S0-4-4.5-080924	358136	7.80	1.35559e	10.59	799134	14.44
16	NB-08-08142024	387294	7.81	1.48682e	10.59	869449	14.44
17	NB-08-08142024MS	482484	7.81	1.88961e	10.59	1.06762e	14.45
18	NB-08-08142024MSD	493629	7.81	1.75669e	10.60	981557	14.45
19	VCPS-B1-081224-0-16	499803	7.81	2.06391e	10.60	1.26606e	14.45
20	JC-03-081324-A	536951	7.81	2.17972e	10.59	1.35658e	14.45
21	JC-03-081324-B	488611	7.81	1.97e+00	10.61	1.22038e	14.45

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 02:34

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	334672	7.811	1.37913e+01	10.60	890240	14.46
UPPER LIMIT	669344	8.311	2758260	11.099	1780480	14.957
LOWER LIMIT	167336	7.311	689565	10.099	445120	13.957
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BP021506.D Time Analyzed: 09:52

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	310084	7.805	1.2909e+00	10.59	863963	14.44
UPPER LIMIT	620168	8.305	2581800	11.093	1727926	14.94
LOWER LIMIT	155042	7.305	645450	10.093	431981.5	13.94
EPA SAMPLE NO.						
01 PB162549BL	334023	7.81	1.3246e+	10.59	827796	14.45
02 PB162553BL	316044	7.80	1.25738e	10.59	834448	14.44
03 MDL-SOIL-03-QT3-2024	444773	7.81	2.0113e+	10.59	1.44514e	14.44
04 MDL-SOIL-03-QT3-2024	348397	7.81	1.43129e	10.59	899064	14.44
05 MDL-WATER-03-QT3-2024	356883	7.81	1.466e+0	10.59	971108	14.44
06 MDL-WATER-03-QT3-2024	359499	7.81	1.56717e	10.59	1.03539e	14.45

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.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BP021515.D

Time Analyzed: 16:19

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	352497	7.805	1.47075e+01	10.59	969870	14.45
UPPER LIMIT	704994	8.305	2941500	11.093	1939740	14.945
LOWER LIMIT	176248.5	7.305	735375	10.093	484935	13.945
EPA SAMPLE NO.						
01 PB162688BL	460064	7.81	1.92381e	10.59	1.37375e	14.44
02 EB-01-080924	407321	7.80	1.61274e	10.58	1.03057e	14.44
03 EB-01-081224	388286	7.81	1.4557e+	10.59	851026	14.45
04 S-855-J-SO-1.5-2-081224	419213	7.80	1.62761e	10.59	993994	14.44
05 S-855-J-SO-3-3.5-081224	409072	7.81	1.60336e	10.59	1.02417e	14.44
06 S-855-J-SO-2-2.5-081224	453384	7.80	1.73605e	10.59	1.02941e	14.43
07 S-856-J-SO-1-1.5-080924-FD	407787	7.80	1.62432e	10.59	1.04184e	14.45
08 S-856-J-SO-2-2.5-080924	387937	7.80	1.53201e	10.59	962989	14.44
09 S-856-J-SO-4-4.5-080924	358136	7.80	1.35559e	10.59	799134	14.44
10 NB-08-08142024	387294	7.81	1.48682e	10.59	869449	14.44
11 NB-08-08142024MS	482484	7.81	1.88961e	10.59	1.06762e	14.45
12 NB-08-08142024MSD	493629	7.81	1.75669e	10.60	981557	14.45
13 VCPS-B1-081224-0-16	499803	7.81	2.06391e	10.60	1.26606e	14.45
14 JC-03-081324-A	536951	7.81	2.17972e	10.59	1.35658e	14.45
15 JC-03-081324-B	488611	7.81	1.97e+00	10.61	1.22038e	14.45

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.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 09:52

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.90528e+01	17.251	1.82007e+	21.698	2.08533e+01	25.104
	UPPER LIMIT	3810560	17.751	3640140	22.198	4170660	25.604
	LOWER LIMIT	952640	16.751	910035	21.198	1042665	24.604
	EPA SAMPLE NO.						
01	PB162549BL	1.73585	17.25	1.50704e+	21.70	1.64747e+	25.09
02	PB162553BL	1.77874	17.25	1.51999e+	21.69	1.61262e+	25.09
03	MDL-SOIL-03-QT3-2024	3.30355	17.23	3.09635e+	21.70	2.97869e+	25.10
04	MDL-SOIL-03-QT3-2024	1.85989	17.23	1.59821e+	21.69	1.6864e+0	25.09
05	MDL-WATER-03-QT3-2024	2.17456	17.23	2.27467e+	21.68	2.56403e+	25.09
06	MDL-WATER-03-QT3-2024	2.08328	17.23	1.85125e+	21.69	1.98233e+	25.09
07	PB162688BL	3.20357	17.25	2.86586e+	21.70	2.70644e+	25.09
08	EB-01-080924	2.15328	17.25	2.21886e+	21.69	2.13781e+	25.08
09	EB-01-081224	1.61517	17.25	1.33474e+	21.69	1.68196e+	25.09
10	S-855-J-SO-1.5-2-081224	2.01175	17.25	1.77741e+	21.69	1.94598e+	25.08
11	S-855-J-SO-3-3.5-081224	2.17601	17.23	2.05496e+	21.68	1.89973e+	25.09
12	S-855-J-SO-2-2.5-081224	2.06765	17.24	1.60293e+	21.69	1.83696e+	25.09
13	S-856-J-SO-1-1.5-080924-FD	2.3256e	17.25	2.52668e+	21.70	2.8124e+0	25.11
14	S-856-J-SO-2-2.5-080924	2.10988	17.25	2.26281e+	21.69	2.26782e+	25.07
15	S-856-J-SO-4-4.5-080924	1.70848	17.23	1.75273e+	21.67	2.08436e+	25.08
16	NB-08-08142024	1.8423e	17.23	1.8708e+0	21.67	2.26001e+	25.08
17	NB-08-08142024MS	1.90242	17.24	1.73073e+	21.69	2.15618e+	25.11
18	NB-08-08142024MSD	2.07233	17.25	2.12162e+	21.71	2.5991e+0	25.12
19	VCPS-B1-081224-0-16	2.32029	17.25	1.70662e+	21.72	2.08494e+	25.17
20	JC-03-081324-A	2.58105	17.26	1.90434e+	21.70	2.24561e+	25.13
21	JC-03-081324-B	2.39017	17.26	1.84175e+	21.72	2.15584e+	25.15

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BP021485.D Time Analyzed: 02:34

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.90528e+01	17.251	1.82007e+	21.698	2.08533e+01	25.104
UPPER LIMIT	3810560	17.751	3640140	22.198	4170660	25.604
LOWER LIMIT	952640	16.751	910035	21.198	1042665	24.604
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BP021506.D Time Analyzed: 09:52

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.88451e+01	17.251	1.87637e+	21.698	2.12546e+01	25.104
UPPER LIMIT	3769020	17.751	3752740	22.198	4250920	25.604
LOWER LIMIT	942255	16.751	938185	21.198	1062730	24.604
EPA SAMPLE NO.						
01 PB162549BL	1.73585	17.25	1.50704e+	21.70	1.64747e+	25.09
02 PB162553BL	1.77874	17.25	1.51999e+	21.69	1.61262e+	25.09
03 MDL-SOIL-03-QT3-2024	3.30355	17.23	3.09635e+	21.70	2.97869e+	25.10
04 MDL-SOIL-03-QT3-2024	1.85989	17.23	1.59821e+	21.69	1.6864e+0	25.09
05 MDL-WATER-03-QT3-2024	2.17456	17.23	2.27467e+	21.68	2.56403e+	25.09
06 MDL-WATER-03-QT3-2024	2.08328	17.23	1.85125e+	21.69	1.98233e+	25.09

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.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BP021515.D Time Analyzed: 16:19

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2.11533e+01	17.251	2.12845e+	21.704	2.46904e+01	25.098
	UPPER LIMIT	4230660	17.751	4256900	22.204	4938080	25.598
	LOWER LIMIT	1057665	16.751	1064225	21.204	1234520	24.598
	EPA SAMPLE NO.						
01	PB162688BL	3.20357	17.25	2.86586e+	21.70	2.70644e+	25.09
02	EB-01-080924	2.15328	17.25	2.21886e+	21.69	2.13781e+	25.08
03	EB-01-081224	1.61517	17.25	1.33474e+	21.69	1.68196e+	25.09
04	S-855-J-SO-1.5-2-081224	2.01175	17.25	1.77741e+	21.69	1.94598e+	25.08
05	S-855-J-SO-3-3.5-081224	2.17601	17.23	2.05496e+	21.68	1.89973e+	25.09
06	S-855-J-SO-2-2.5-081224	2.06765	17.24	1.60293e+	21.69	1.83696e+	25.09
07	S-856-J-S0-1-1.5-080924-FD	2.3256e	17.25	2.52668e+	21.70	2.8124e+0	25.11
08	S-856-J-S0-2-2.5-080924	2.10988	17.25	2.26281e+	21.69	2.26782e+	25.07
09	S-856-J-S0-4-4.5-080924	1.70848	17.23	1.75273e+	21.67	2.08436e+	25.08
10	NB-08-08142024	1.8423e	17.23	1.8708e+0	21.67	2.26001e+	25.08
11	NB-08-08142024MS	1.90242	17.24	1.73073e+	21.69	2.15618e+	25.11
12	NB-08-08142024MSD	2.07233	17.25	2.12162e+	21.71	2.5991e+0	25.12
13	VCPS-B1-081224-0-16	2.32029	17.25	1.70662e+	21.72	2.08494e+	25.17
14	JC-03-081324-A	2.58105	17.26	1.90434e+	21.70	2.24561e+	25.13
15	JC-03-081324-B	2.39017	17.26	1.84175e+	21.72	2.15584e+	25.15

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP081524 SAS No.: BP081524 SDG NO.: BP081524

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BP021515.D Time Analyzed: 02:34

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.11533e+01	17.251	2.12845e+01	21.704	2.46904e+01	25.098
UPPER LIMIT	4230660	17.751	4256900	22.204	4938080	25.598
LOWER LIMIT	1057665	16.751	1064225	21.204	1234520	24.598
EPA SAMPLE NO.						

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

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

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162549BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP081524

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021507.D

Lab Sample ID: PB162549BL

Instrument ID: BNA_P

Date Extracted: 08/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 09:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT3-2024	P3390-03	BP021509.D	08/15/2024
MDL-SOIL-03-QT3-2024	P3390-03	BP021510.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162553BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP081524

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021508.D

Lab Sample ID: PB162553BL

Instrument ID: BNA_P

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 10:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT3-2024	P3390-09	BP021511.D	08/15/2024
MDL-WATER-03-QT3-2024	P3390-09	BP021512.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-01-080924

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP081524

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021517.D

Lab Sample ID: P3573-12

Instrument ID: BNA_P

Date Extracted: 08/13/2024

Matrix: (soil/water) Water

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 17:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-01-080924	P3573-12	BP021517.D	08/15/2024
EB-01-081224	P3582-07	BP021518.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162688BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP081524

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021516.D

Lab Sample ID: PB162688BL

Instrument ID: BNA_P

Date Extracted: 08/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 16:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
S-855-J-SO-1.5-2-081224	P3582-02	BP021519.D	08/15/2024
S-855-J-SO-3-3.5-081224	P3582-04	BP021520.D	08/15/2024
S-855-J-SO-2-2.5-081224	P3582-03	BP021521.D	08/15/2024
S-856-J-SO-1-1.5-080924-FD	P3573-06	BP021522.D	08/15/2024
S-856-J-SO-2-2.5-080924	P3573-08	BP021523.D	08/15/2024
S-856-J-SO-4-4.5-080924	P3573-10	BP021524.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VCPS-B1-081224-0-16

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP081524

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021528.D

Lab Sample ID: P3579-02

Instrument ID: BNA_P

Date Extracted: 08/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/16/2024

Level: (low/med) LOW

Time Analyzed: 01:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VCPS-B1-081224-0-16	P3579-02	BP021528.D	08/16/2024
JC-03-081324-A	P3598-01	BP021529.D	08/16/2024
JC-03-081324-B	P3598-03	BP021530.D	08/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

NB-08-08142024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP081524

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021525.D

Lab Sample ID: P3607-01

Instrument ID: BNA_P

Date Extracted: 08/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 22:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
NB-08-08142024	P3607-01	BP021525.D	08/15/2024
NB-08-08142024MS	P3607-01MS	BP021526.D	08/15/2024
NB-08-08142024MSD	P3607-01MSD	BP021527.D	08/16/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3607-01MS		Client Sample ID: NB-08-08142024MS		DataFile: BP021526.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92				66	124	
Pyridine	1200		870	ug/Kg	73				45	119	
Benzaldehyde	1200		980	ug/Kg	82				10	86	
Aniline	1200		1300	ug/Kg	108	*			10	88	
Phenol	1200		1300	ug/Kg	108				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				54	125	
2-Chlorophenol	1200		1300	ug/Kg	108	*			79	107	
1,2-Dichlorobenzene	1200		1200	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1200		1100	ug/Kg	92				62	101	
1,4-Dichlorobenzene	1200		1100	ug/Kg	92				63	104	
Benzyl Alcohol	1200		1200	ug/Kg	100				47	126	
2-Methylphenol	1200		1200	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92				65	110	
Acetophenone	1200		1200	ug/Kg	100				75	111	
3+4-Methylphenols	1200		1300	ug/Kg	108	*			66	104	
N-Nitroso-di-n-propylamine	1200		1000	ug/Kg	83				59	119	
Hexachloroethane	1200		1100	ug/Kg	92				65	117	
Nitrobenzene	1200		1200	ug/Kg	100				70	119	
Isophorone	1200		1100	ug/Kg	92				76	122	
2-Nitrophenol	1200		1500	ug/Kg	125				54	145	
2,4-Dimethylphenol	1200		1600	ug/Kg	133				44	135	
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200		1400	ug/Kg	117				72	118	
1,2,4-Trichlorobenzene	1200		1200	ug/Kg	100				57	103	
Benzoic acid	1200		1600	ug/Kg	133	*			50	104	
Naphthalene	1200		1200	ug/Kg	100				72	110	
4-Chloroaniline	1200		1100	ug/Kg	92	*			10	91	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1200		1300	ug/Kg	108				57	132	
2-Methylnaphthalene	1200	0	1200	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		1900	ug/Kg	83				10	175	
2,4,6-Trichlorophenol	1200		1500	ug/Kg	125	*			72	117	
2,4,5-Trichlorophenol	1200		1500	ug/Kg	125	*			72	117	
1,1-Biphenyl	1200		1300	ug/Kg	108				75	113	
2-Chloronaphthalene	1200		1300	ug/Kg	108				67	118	
2-Nitroaniline	1200		1400	ug/Kg	117				69	127	
Dimethylphthalate	1200		1200	ug/Kg	100				70	113	
Acenaphthylene	1200		1400	ug/Kg	117				79	118	
2,6-Dinitrotoluene	1200		1300	ug/Kg	108				70	125	
3-Nitroaniline	1200		1300	ug/Kg	108	*			30	99	
Acenaphthene	1200	76.7	1400	ug/Kg	110				70	121	
Total PAH	19200	3848.7	24100	ug/Kg	105				70	121	
2,4-Dinitrophenol	2300		2100	ug/Kg	91				10	155	
4-Nitrophenol	2300		2600	ug/Kg	113				45	133	
Dibenzofuran	1200	0	1300	ug/Kg	108				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1300	ug/Kg	108				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2600	ug/Kg	108				55	128	
Diethylphthalate	1200		1200	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92				71	108	
Fluorene	1200	160	1300	ug/Kg	95				68	116	
4-Nitroaniline	1200		1200	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1200		1200	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1200		1500	ug/Kg	125	*			73	118	
Azobenzene	1200		1100	ug/Kg	92				73	110	
4-Bromophenyl-phenylether	1200		1300	ug/Kg	108				65	121	
Hexachlorobenzene	1200		1200	ug/Kg	100				67	118	
Atrazine	1200		1400	ug/Kg	117				79	127	
Pentachlorophenol	2300		2700	ug/Kg	117				47	128	
Phenanthrene	1200	650	2000	ug/Kg	113				52	128	
Anthracene	1200	190	1500	ug/Kg	109				62	124	
Carbazole	1200		1300	ug/Kg	108				59	119	
Di-n-butylphthalate	1200		1200	ug/Kg	100				69	118	
Fluoranthene	1200	640	1700	ug/Kg	88				44	125	
Benzydine	2300		1400	ug/Kg	61				10	119	
Pyrene	1200	600	1800	ug/Kg	100				26	142	
Butylbenzylphthalate	1200		1300	ug/Kg	108				64	126	
3,3-Dichlorobenzidine	1200		1300	ug/Kg	108				33	116	
Benzo(a)anthracene	1200	280	1600	ug/Kg	110				71	114	
Chrysene	1200	310	1600	ug/Kg	108				57	121	
bis(2-Ethylhexyl)phthalate	1200		1300	ug/Kg	108				42	169	
Di-n-octyl phthalate	1200		1300	ug/Kg	108				23	175	
Benzo(b)fluoranthene	1200	300	1500	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1200	92	1300	ug/Kg	101				57	134	
Benzo(a)pyrene	1200	280	1600	ug/Kg	110				70	142	
Indeno(1,2,3-cd)pyrene	1200	120	1500	ug/Kg	115				40	129	
Dibenz(a,h)anthracene	1200		1300	ug/Kg	108				43	123	
Benzo(g,h,i)perylene	1200	150	1400	ug/Kg	104				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1300	ug/Kg	108				69	124	
1,4-Dioxane	1200		850	ug/Kg	71				46	112	
2,3,4,6-Tetrachlorophenol	1200		1400	ug/Kg	117	*			69	112	
1-Methylnaphthalene	1200	72.2	1200	ug/Kg	94				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP081524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3607-01MSD		Client Sample ID: NB-08-08142024MSD		DataFile: BP021527.D							
n-Nitrosodimethylamine	1200		910	ug/Kg	76		19		66	124	20
Pyridine	1200		760	ug/Kg	63		15		45	119	20
Benzaldehyde	1200		840	ug/Kg	70		16		10	86	20
Aniline	1200		1100	ug/Kg	92	*	16		10	88	20
Phenol	1200		950	ug/Kg	79		31	*	67	126	20
bis(2-Chloroethyl)ether	1200		880	ug/Kg	73		23	*	54	125	20
2-Chlorophenol	1200		1000	ug/Kg	83		26	*	79	107	20
1,2-Dichlorobenzene	1200		930	ug/Kg	78		25	*	61	105	20
1,3-Dichlorobenzene	1200		940	ug/Kg	78		16		62	101	20
1,4-Dichlorobenzene	1200		940	ug/Kg	78		16		63	104	20
Benzyl Alcohol	1200		940	ug/Kg	78		25	*	47	126	20
2-Methylphenol	1200		930	ug/Kg	78		25	*	66	122	20
2,2-oxybis(1-Chloropropane)	1200		900	ug/Kg	75		20		65	110	20
Acetophenone	1200		980	ug/Kg	82		20		75	111	20
3+4-Methylphenols	1200		930	ug/Kg	78		32	*	66	104	20
N-Nitroso-di-n-propylamine	1200		760	ug/Kg	63		27	*	59	119	20
Hexachloroethane	1200		890	ug/Kg	74		22	*	65	117	20
Nitrobenzene	1200		1000	ug/Kg	83		19		70	119	20
Isophorone	1200		900	ug/Kg	75	*	20		76	122	20
2-Nitrophenol	1200		1300	ug/Kg	108		15		54	145	20
2,4-Dimethylphenol	1200		1300	ug/Kg	108		21	*	44	135	20
bis(2-Chloroethoxy)methane	1200		930	ug/Kg	78		16		68	112	20
2,4-Dichlorophenol	1200		1100	ug/Kg	92		24	*	72	118	20
1,2,4-Trichlorobenzene	1200		970	ug/Kg	81		21	*	57	103	20
Benzoic acid	1200		1200	ug/Kg	100		28	*	50	104	20
Naphthalene	1200		1000	ug/Kg	83		19		72	110	20
4-Chloroaniline	1200		1000	ug/Kg	83		10		10	91	20
Hexachlorobutadiene	1200		1000	ug/Kg	83		10		66	114	20
Caprolactam	1200		970	ug/Kg	81		21	*	51	134	20
4-Chloro-3-methylphenol	1200		960	ug/Kg	80		30	*	57	132	20
2-Methylnaphthalene	1200	0	980	ug/Kg	82		20		59	123	20
Hexachlorocyclopentadiene	2300		940	ug/Kg	41		68	*	10	175	20
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100		22	*	72	117	20
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100		22	*	72	117	20
1,1-Biphenyl	1200		1000	ug/Kg	83		26	*	75	113	20
2-Chloronaphthalene	1200		1000	ug/Kg	83		26	*	67	118	20
2-Nitroaniline	1200		1200	ug/Kg	100		16		69	127	20
Dimethylphthalate	1200		1000	ug/Kg	83		19		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		24	*	79	118	20
2,6-Dinitrotoluene	1200		1000	ug/Kg	83		26	*	70	125	20
3-Nitroaniline	1200		1100	ug/Kg	92		16		30	99	20
Acenaphthene	1200	76.7	1100	ug/Kg	85		26	*	70	121	20
Total PAH	19200	3848.7	20100	ug/Kg	85		21	*	70	121	20
2,4-Dinitrophenol	2300		1400	ug/Kg	61		39	*	10	155	20
4-Nitrophenol	2300		2500	ug/Kg	109		4		45	133	20
Dibenzofuran	1200	0	1100	ug/Kg	92		16		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP081524

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1100	ug/Kg	92		16		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2100	ug/Kg	88		20		55	128	20
Diethylphthalate	1200		980	ug/Kg	82		20		70	112	20
4-Chlorophenyl-phenylether	1200		950	ug/Kg	79		15		71	108	20
Fluorene	1200	160	1100	ug/Kg	78		20		68	116	20
4-Nitroaniline	1200		1200	ug/Kg	100		0		55	120	20
4,6-Dinitro-2-methylphenol	1200		790	ug/Kg	66		41	*	10	160	20
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92		30	*	73	118	20
Azobenzene	1200		920	ug/Kg	77		18		73	110	20
4-Bromophenyl-phenylether	1200		970	ug/Kg	81		29	*	65	121	20
Hexachlorobenzene	1200		980	ug/Kg	82		20		67	118	20
Atrazine	1200		1100	ug/Kg	92		24	*	79	127	20
Pentachlorophenol	2300		2400	ug/Kg	104		12		47	128	20
Phenanthrene	1200	650	1600	ug/Kg	79		35	*	52	128	20
Anthracene	1200	190	1300	ug/Kg	93		16		62	124	20
Carbazole	1200		1100	ug/Kg	92		16		59	119	20
Di-n-butylphthalate	1200		1000	ug/Kg	83		19		69	118	20
Fluoranthene	1200	640	1600	ug/Kg	80		10		44	125	20
Benzidine	2300		1400	ug/Kg	61		0		10	119	20
Pyrene	1200	600	1500	ug/Kg	75		29	*	26	142	20
Butylbenzylphthalate	1200		1100	ug/Kg	92		16		64	126	20
3,3-Dichlorobenzidine	1200		1100	ug/Kg	92		16		33	116	20
Benzo(a)anthracene	1200	280	1300	ug/Kg	85		26	*	71	114	20
Chrysene	1200	310	1300	ug/Kg	83		26	*	57	121	20
bis(2-Ethylhexyl)phthalate	1200		1100	ug/Kg	92		16		42	169	20
Di-n-octyl phthalate	1200		1100	ug/Kg	92		16		23	175	20
Benzo(b)fluoranthene	1200	300	1300	ug/Kg	83		19		67	121	20
Benzo(k)fluoranthene	1200	92	1100	ug/Kg	84		18		57	134	20
Benzo(a)pyrene	1200	280	1400	ug/Kg	93		17		70	142	20
Indeno(1,2,3-cd)pyrene	1200	120	1200	ug/Kg	90		24	*	40	129	20
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92		16		43	123	20
Benzo(g,h,i)perylene	1200	150	1100	ug/Kg	79		27	*	24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92		16		69	124	20
1,4-Dioxane	1200		770	ug/Kg	64		10		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		16		69	112	20
1-Methylnaphthalene	1200	72.2	940	ug/Kg	72		27	*	70	130	20

Surrogate Summary

SW-846

SDG No.: **BP081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3390-03	MDL-SOIL-03-QT	BP021509.D	2-Fluorophenol	150	129.48	86		18	112
		BP021510.D	2-Fluorophenol	150	133.00	89		18	112
			Phenol-d6	150	129.81	87		15	107
		BP021509.D	Phenol-d6	150	130.22	87		15	107
			Nitrobenzene-d5	100	98.63	99		18	107
		BP021510.D	Nitrobenzene-d5	100	101.20	101		18	107
		BP021509.D	2-Fluorobiphenyl	100	84.17	84		20	109
		BP021510.D	2-Fluorobiphenyl	100	89.61	90		20	109
			2,4,6-Tribromophenol	150	125.24	83		10	116
		BP021509.D	2,4,6-Tribromophenol	150	144.99	97		10	116
			Terphenyl-d14	100	75.75	76		10	105
		BP021510.D	Terphenyl-d14	100	83.99	84		10	105
		BP021507.D	2-Fluorophenol	150	120.00	80		18	112
			Phenol-d6	150	110.84	74		15	107
PB162549BL	PB162549BL		Nitrobenzene-d5	100	86.84	87		18	107
			2-Fluorobiphenyl	100	77.51	78		20	109
			2,4,6-Tribromophenol	150	104.16	69		10	116
			Terphenyl-d14	100	84.52	85		10	105

Surrogate Summary

SW-846

SDG No.: **BP081524**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3390-09	MDL-WATER-03-C	BP021511.D	2-Fluorophenol	150	134.97	90		10	139
		BP021512.D	2-Fluorophenol	150	130.20	87		10	139
		BP021511.D	Phenol-d6	150	130.09	87		10	134
		BP021512.D	Phenol-d6	150	129.59	86		10	134
		BP021511.D	Nitrobenzene-d5	100	99.92	100		49	133
		BP021512.D	Nitrobenzene-d5	100	100.33	100		49	133
			2-Fluorobiphenyl	100	88.94	89		52	132
		BP021511.D	2-Fluorobiphenyl	100	86.96	87		52	132
			2,4,6-Tribromophenol	150	138.23	92		44	137
		BP021512.D	2,4,6-Tribromophenol	150	129.70	86		44	137
		BP021511.D	Terphenyl-d14	100	79.32	79		48	125
		BP021512.D	Terphenyl-d14	100	85.97	86		48	125
PB162553BL	PB162553BL	BP021508.D	2-Fluorophenol	150	146.83	98		10	139
			Phenol-d6	150	138.28	92		10	134
			Nitrobenzene-d5	100	104.86	105		49	133
			2-Fluorobiphenyl	100	91.28	91		52	132
			2,4,6-Tribromophenol	150	128.89	86		44	137
			Terphenyl-d14	100	101.64	102		48	125

Surrogate Summary

SW-846

SDG No.: **BP081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3573-12	EB-01-080924	BP021517.D	2-Fluorophenol	150	47.55	32		10	139
			Phenol-d6	150	26.05	17		10	134
			Nitrobenzene-d5	100	99.67	100		49	133
			2-Fluorobiphenyl	100	80.98	81		52	132
			2,4,6-Tribromophenol	150	129.63	86		44	137
			Terphenyl-d14	100	96.64	97		48	125
P3582-07	EB-01-081224	BP021518.D	2-Fluorophenol	150	59.50	40		10	139
			Phenol-d6	150	33.17	22		10	134
			Nitrobenzene-d5	100	115.56	116		49	133
			2-Fluorobiphenyl	100	95.51	96		52	132
			2,4,6-Tribromophenol	150	138.37	92		44	137
			Terphenyl-d14	100	104.32	104		48	125

Surrogate Summary

SW-846

SDG No.: **BP081524**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3573-06	S-856-J-S0-1-1.5-08BP021522.D		2-Fluorophenol	150	97.89	65		18	112
			Phenol-d6	150	95.30	64		15	107
			Nitrobenzene-d5	100	70.09	70		18	107
			2-Fluorobiphenyl	100	60.27	60		20	109
			2,4,6-Tribromophenol	150	115.47	77		10	116
			Terphenyl-d14	100	59.40	59		10	105
P3573-08	S-856-J-S0-2-2.5-08BP021523.D		2-Fluorophenol	150	94.12	63		18	112
			Phenol-d6	150	91.50	61		15	107
			Nitrobenzene-d5	100	67.62	68		18	107
			2-Fluorobiphenyl	100	56.41	56		20	109
			2,4,6-Tribromophenol	150	106.59	71		10	116
			Terphenyl-d14	100	55.87	56		10	105
P3573-10	S-856-J-S0-4-4.5-08BP021524.D		2-Fluorophenol	150	85.21	57		18	112
			Phenol-d6	150	79.75	53		15	107
			Nitrobenzene-d5	100	62.23	62		18	107
			2-Fluorobiphenyl	100	52.84	53		20	109
			2,4,6-Tribromophenol	150	92.92	62		10	116
			Terphenyl-d14	100	49.28	49		10	105
P3582-02	S-855-J-SO-1.5-2-0 BP021519.D		2-Fluorophenol	150	93.23	62		18	112
			Phenol-d6	150	87.84	59		15	107
			Nitrobenzene-d5	100	67.36	67		18	107
			2-Fluorobiphenyl	100	58.00	58		20	109
			2,4,6-Tribromophenol	150	99.75	66		10	116
			Terphenyl-d14	100	61.24	61		10	105
P3582-03	S-855-J-SO-2-2.5-0 BP021521.D		2-Fluorophenol	150	52.97	35		18	112
			Phenol-d6	150	50.05	33		15	107
			Nitrobenzene-d5	100	37.76	38		18	107
			2-Fluorobiphenyl	100	32.97	33		20	109
			2,4,6-Tribromophenol	150	52.27	35		10	116
			Terphenyl-d14	100	37.52	38		10	105
P3582-04	S-855-J-SO-3-3.5-0 BP021520.D		2-Fluorophenol	150	71.69	48		18	112
			Phenol-d6	150	68.62	46		15	107
			Nitrobenzene-d5	100	52.47	52		18	107
			2-Fluorobiphenyl	100	44.57	45		20	109
			2,4,6-Tribromophenol	150	76.72	51		10	116
			Terphenyl-d14	100	46.62	47		10	105
PB162688BL	PB162688BL	BP021516.D	2-Fluorophenol	150	133.81	89		18	112
			Phenol-d6	150	129.09	86		15	107
			Nitrobenzene-d5	100	95.53	96		18	107
			2-Fluorobiphenyl	100	79.84	80		20	109
			2,4,6-Tribromophenol	150	136.37	91		10	116
			Terphenyl-d14	100	82.34	82		10	105

Surrogate Summary

SW-846

SDG No.: **BP081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3579-02	VCPS-B1-081224-CBP021528.D		2-Fluorophenol	150	90.76	61		18	112
			Phenol-d6	150	89.22	59		15	107
			Nitrobenzene-d5	100	66.68	67		18	107
			2-Fluorobiphenyl	100	53.50	54		20	109
			2,4,6-Tribromophenol	150	90.47	60		10	116
			Terphenyl-d14	100	50.31	50		10	105
P3598-01	JC-03-081324-A	BP021529.D	2-Fluorophenol	150	71.14	47		18	112
			Phenol-d6	150	67.70	45		15	107
			Nitrobenzene-d5	100	50.77	51		18	107
			2-Fluorobiphenyl	100	46.86	47		20	109
			2,4,6-Tribromophenol	150	77.48	52		10	116
			Terphenyl-d14	100	51.71	52		10	105
P3598-03	JC-03-081324-B	BP021530.D	2-Fluorophenol	150	100.20	67		18	112
			Phenol-d6	150	96.48	64		15	107
			Nitrobenzene-d5	100	71.50	71		18	107
			2-Fluorobiphenyl	100	62.74	63		20	109
			2,4,6-Tribromophenol	150	110.17	73		10	116
			Terphenyl-d14	100	66.15	66		10	105

Surrogate Summary

SW-846

SDG No.: **BP081524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3607-01	NB-08-08142024	BP021525.D	2-Fluorophenol	150	96.40	64		18	112
			Phenol-d6	150	91.04	61		15	107
			Nitrobenzene-d5	100	72.47	72		18	107
			2-Fluorobiphenyl	100	61.26	61		20	109
			2,4,6-Tribromophenol	150	103.01	69		10	116
			Terphenyl-d14	100	58.66	59		10	105
P3607-01MS	NB-08-08142024M	BP021526.D	2-Fluorophenol	150	111.08	74		18	112
			Phenol-d6	150	104.89	70		15	107
			Nitrobenzene-d5	100	80.53	81		18	107
			2-Fluorobiphenyl	100	72.08	72		20	109
			2,4,6-Tribromophenol	150	105.85	71		10	116
			Terphenyl-d14	100	66.30	66		10	105
P3607-01MSD	NB-08-08142024M	BP021527.D	2-Fluorophenol	150	88.42	59		18	112
			Phenol-d6	150	79.61	53		15	107
			Nitrobenzene-d5	100	67.12	67		18	107
			2-Fluorobiphenyl	100	58.99	59		20	109
			2,4,6-Tribromophenol	150	97.77	65		10	116
			Terphenyl-d14	100	55.67	56		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP081524

Lab Code: CHEM

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021505.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.7
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	87.3
443	15.0 - 24.0% of mass 442	17 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP021506.D	08/15/2024	09:10
PB162549BL	PB162549BL	BP021507.D	08/15/2024	09:52
PB162553BL	PB162553BL	BP021508.D	08/15/2024	10:34
MDL-SOIL-03-QT3-2024	P3390-03	BP021509.D	08/15/2024	11:18
MDL-SOIL-03-QT3-2024	P3390-03	BP021510.D	08/15/2024	12:00
MDL-WATER-03-QT3-2024	P3390-09	BP021511.D	08/15/2024	12:43
MDL-WATER-03-QT3-2024	P3390-09	BP021512.D	08/15/2024	13:26
SSTDCCC040EC	SSTDCCC040	BP021513.D	08/15/2024	14:09

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP081524

Lab Code: CHEM

SAS No.: BP081524 SDG NO.: BP081524

Lab File ID: BP021514.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_P

DFTPP Injection Time: 14:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.3
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	43.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	85.5
443	15.0 - 24.0% of mass 442	16.4 (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	BP021515.D	08/15/2024	15:37
PB162688BL	PB162688BL	BP021516.D	08/15/2024	16:19
EB-01-080924	P3573-12	BP021517.D	08/15/2024	17:09
EB-01-081224	P3582-07	BP021518.D	08/15/2024	17:53
S-855-J-SO-1.5-2-081224	P3582-02	BP021519.D	08/15/2024	18:37
S-855-J-SO-3-3.5-081224	P3582-04	BP021520.D	08/15/2024	19:20
S-855-J-SO-2-2.5-081224	P3582-03	BP021521.D	08/15/2024	20:03
S-856-J-SO-1-1.5-080924-FD	P3573-06	BP021522.D	08/15/2024	20:47
S-856-J-SO-2-2.5-080924	P3573-08	BP021523.D	08/15/2024	21:30
S-856-J-SO-4-4.5-080924	P3573-10	BP021524.D	08/15/2024	22:14
NB-08-08142024	P3607-01	BP021525.D	08/15/2024	22:57
NB-08-08142024MS	P3607-01MS	BP021526.D	08/15/2024	23:41
NB-08-08142024MSD	P3607-01MSD	BP021527.D	08/16/2024	00:24
VCPS-B1-081224-0-16	P3579-02	BP021528.D	08/16/2024	01:07
JC-03-081324-A	P3598-01	BP021529.D	08/16/2024	01:51
JC-03-081324-B	P3598-03	BP021530.D	08/16/2024	02:34