

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF090624 SAS No.: BF090624 SDG No.: BF090624
Instrument ID: BNA_F Calibration Date/Time: 9/6/2024 12:09:03
Lab File ID: BF139267.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.873	0.863		-1.145	
Pyridine	1.344	1.367		1.711	
2-Fluorophenol	1.196	1.182		-1.171	
Benzaldehyde	0.966	0.984		1.863	
Aniline	1.468	1.460		-0.545	
Phenol-d6	1.596	1.578		-1.128	
Phenol	1.683	1.691		0.475	20.0
bis(2-Chloroethyl)ether	1.206	1.199		-0.58	
2-Chlorophenol	1.239	1.212		-2.179	
1,2-Dichlorobenzene	1.309	1.280		-2.215	
1,3-Dichlorobenzene	1.402	1.369		-2.354	
1,4-Dichlorobenzene	1.404	1.380		-1.709	20.0
Benzyl Alcohol	1.164	1.154		-0.859	
2-Methylphenol	1.012	0.998		-1.383	
2,2-oxybis(1-Chloropropane)	2.296	2.231		-2.831	
Acetophenone	0.476	0.464		-2.521	
3+4-Methylphenols	1.276	1.274		-0.157	
n-Nitroso-di-n-propylamine	0.919	0.906	0.050	-1.415	
Nitrobenzene-d5	0.384	0.382		-0.521	
Hexachloroethane	0.501	0.491		-1.996	
Nitrobenzene	0.408	0.403		-1.225	
Isophorone	0.657	0.644		-1.979	
2-Nitrophenol	0.160	0.167		4.375	20.0
2,4-Dimethylphenol	0.229	0.226		-1.31	
bis(2-Chloroethoxy)methane	0.392	0.383		-2.296	
2,4-Dichlorophenol	0.274	0.272		-0.73	20.0
1,2,4-Trichlorobenzene	0.313	0.309		-1.278	
Benzoic acid	0.208	0.203		-2.404	
Naphthalene	1.013	0.983		-2.962	
4-Chloroaniline	0.351	0.342		-2.564	
Hexachlorobutadiene	0.198	0.193		-2.525	20.0
Caprolactam	0.085	0.088		3.529	
4-Chloro-3-methylphenol	0.298	0.299		0.336	20.0
2-Methylnaphthalene	0.634	0.619		-2.366	
Hexachlorocyclopentadiene	0.182	0.183	0.050	0.549	
2,4,6-Trichlorophenol	0.370	0.368		-0.541	20.0
2-Fluorobiphenyl	1.296	1.217		-6.096	
2,4,5-Trichlorophenol	0.388	0.372		-4.124	
1,1-Biphenyl	1.482	1.414		-4.588	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.119	1.068		-4.558	
2-Nitroaniline	0.385	0.391		1.558	
Dimethylphthalate	1.212	1.174		-3.135	
Acenaphthylene	1.685	1.622		-3.739	
2,6-Dinitrotoluene	0.275	0.275		0.0	
3-Nitroaniline	0.293	0.287		-2.048	
Acenaphthene	1.118	1.077		-3.667	20.0
2,4-Dinitrophenol	0.118	0.115	0.050	-2.542	
4-Nitrophenol	0.216	0.215	0.050	-0.463	
Dibenzofuran	1.603	1.551		-3.244	
2,4-Dinitrotoluene	0.350	0.362		3.429	
Diethylphthalate	1.193	1.179		-1.174	
4-Chlorophenyl-phenylether	0.599	0.579		-3.339	
Fluorene	1.242	1.197		-3.623	
4-Nitroaniline	0.279	0.289		3.584	
4,6-Dinitro-2-methylphenol	0.092	0.090		-2.174	
n-Nitrosodiphenylamine	0.582	0.548		-5.842	20.0
Azobenzene	1.257	1.215		-3.341	
2,4,6-Tribromophenol	0.173	0.171		-1.156	
4-Bromophenyl-phenylether	0.194	0.182		-6.186	
Hexachlorobenzene	0.222	0.210		-5.405	
Atrazine	0.134	0.141		5.224	
Pentachlorophenol	0.128	0.131		2.344	20.0
Phenanthrene	0.934	0.889		-4.818	
Anthracene	0.913	0.877		-3.943	
Carbazole	0.853	0.841		-1.407	
Di-n-butylphthalate	0.873	0.921		5.498	
Fluoranthene	0.937	0.943		0.64	20.0
Benzidine	0.403	0.473		17.37	
Pyrene	1.932	1.928		-0.207	
Terphenyl-d14	1.239	1.237		-0.161	
Butylbenzylphthalate	0.455	0.526		15.604	
3,3-Dichlorobenzidine	0.339	0.363		7.08	
Benzo(a)anthracene	1.277	1.221		-4.385	
Chrysene	1.192	1.203		0.923	
Bis(2-ethylhexyl)phthalate	0.534	0.549		2.809	
Di-n-octyl phthalate	1.022	0.920		-9.98	20.0
Benzo(b)fluoranthene	1.152	1.180		2.431	
Benzo(k)fluoranthene	1.033	1.017		-1.549	

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Lab File ID: BF139267.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.978	0.996		1.84	20.0
Indeno(1,2,3-cd)pyrene	1.249	1.129		-9.608	
Dibenzo(a,h)anthracene	1.030	0.918		-10.874	
Benzo(g,h,i)perylene	1.063	0.938		-11.759	
1,2,4,5-Tetrachlorobenzene	0.566	0.540		-4.594	
1,4-Dioxane	0.557	0.549		-1.436	20.0
2,3,4,6-Tetrachlorophenol	0.305	0.300		-1.639	
1-Methylnaphthalene	0.623	0.608		-2.408	

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.: BF090624 SAS No.: BF090624 SDG No.: BF090624

Instrument ID: BNA_F Calibration Date/Time: 9/6/2024 12:15:48

Lab File ID: BF139278.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.873	0.796		-8.82	50.0
Pyridine	1.344	1.199		-10.789	50.0
2-Fluorophenol	1.196	1.138		-4.849	50.0
Benzaldehyde	0.966	0.855		-11.491	50.0
Aniline	1.468	1.327		-9.605	50.0
Phenol-d6	1.596	1.505		-5.702	50.0
Phenol	1.683	1.594		-5.288	50.0
bis(2-Chloroethyl)ether	1.206	1.168		-3.151	50.0
2-Chlorophenol	1.239	1.200		-3.148	50.0
1,2-Dichlorobenzene	1.309	1.259		-3.82	50.0
1,3-Dichlorobenzene	1.402	1.329		-5.207	50.0
1,4-Dichlorobenzene	1.404	1.356		-3.419	50.0
Benzyl Alcohol	1.164	1.139		-2.148	50.0
2-Methylphenol	1.012	0.964		-4.743	50.0
2,2-oxybis(1-Chloropropane)	2.296	2.158		-6.01	50.0
Acetophenone	0.476	0.459		-3.571	50.0
3+4-Methylphenols	1.276	1.238		-2.978	50.0
n-Nitroso-di-n-propylamine	0.919	0.893	0.050	-2.829	50.0
Nitrobenzene-d5	0.384	0.376		-2.083	50.0
Hexachloroethane	0.501	0.494		-1.397	50.0
Nitrobenzene	0.408	0.393		-3.676	50.0
Isophorone	0.657	0.641		-2.435	50.0
2-Nitrophenol	0.160	0.170		6.25	50.0
2,4-Dimethylphenol	0.229	0.227		-0.873	50.0
bis(2-Chloroethoxy)methane	0.392	0.387		-1.276	50.0
2,4-Dichlorophenol	0.274	0.277		1.095	50.0
1,2,4-Trichlorobenzene	0.313	0.308		-1.597	50.0
Benzoic acid	0.208	0.223		7.212	50.0
Naphthalene	1.013	0.980		-3.258	50.0
4-Chloroaniline	0.351	0.324		-7.692	50.0
Hexachlorobutadiene	0.198	0.197		-0.505	50.0
Caprolactam	0.085	0.084		-1.176	50.0
4-Chloro-3-methylphenol	0.298	0.298		0.0	50.0
2-Methylnaphthalene	0.634	0.626		-1.262	50.0
Hexachlorocyclopentadiene	0.182	0.194	0.050	6.593	50.0
2,4,6-Trichlorophenol	0.370	0.369		-0.27	50.0
2-Fluorobiphenyl	1.296	1.233		-4.861	50.0
2,4,5-Trichlorophenol	0.388	0.384		-1.031	50.0
1,1-Biphenyl	1.482	1.420		-4.184	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.119	1.066		-4.736	50.0
2-Nitroaniline	0.385	0.386		0.26	50.0
Dimethylphthalate	1.212	1.181		-2.558	50.0
Acenaphthylene	1.685	1.627		-3.442	50.0
2,6-Dinitrotoluene	0.275	0.278		1.091	50.0
3-Nitroaniline	0.293	0.279		-4.778	50.0
Acenaphthene	1.118	1.091		-2.415	50.0
2,4-Dinitrophenol	0.118	0.140	0.050	18.644	50.0
4-Nitrophenol	0.216	0.219	0.050	1.389	50.0
Dibenzofuran	1.603	1.528		-4.679	50.0
2,4-Dinitrotoluene	0.350	0.355		1.429	50.0
Diethylphthalate	1.193	1.205		1.006	50.0
4-Chlorophenyl-phenylether	0.599	0.586		-2.17	50.0
Fluorene	1.242	1.210		-2.576	50.0
4-Nitroaniline	0.279	0.262		-6.093	50.0
4,6-Dinitro-2-methylphenol	0.092	0.102		10.87	50.0
n-Nitrosodiphenylamine	0.582	0.567		-2.577	50.0
Azobenzene	1.257	1.217		-3.182	50.0
2,4,6-Tribromophenol	0.173	0.180		4.046	50.0
4-Bromophenyl-phenylether	0.194	0.195		0.515	50.0
Hexachlorobenzene	0.222	0.217		-2.252	50.0
Atrazine	0.134	0.121		-9.701	50.0
Pentachlorophenol	0.128	0.141		10.156	50.0
Phenanthrene	0.934	0.894		-4.283	50.0
Anthracene	0.913	0.882		-3.395	50.0
Carbazole	0.853	0.813		-4.689	50.0
Di-n-butylphthalate	0.873	0.890		1.947	50.0
Fluoranthene	0.937	0.877		-6.403	50.0
Benzidine	0.403	0.311		-22.829	50.0
Pyrene	1.932	1.857		-3.882	50.0
Terphenyl-d14	1.239	1.204		-2.825	50.0
Butylbenzylphthalate	0.455	0.530		16.484	50.0
3,3-Dichlorobenzidine	0.339	0.366		7.965	50.0
Benzo(a)anthracene	1.277	1.218		-4.62	50.0
Chrysene	1.192	1.121		-5.956	50.0
Bis(2-ethylhexyl)phthalate	0.534	0.624		16.854	50.0
Di-n-octyl phthalate	1.022	1.165		13.992	50.0
Benzo(b)fluoranthene	1.152	1.146		-0.521	50.0
Benzo(k)fluoranthene	1.033	0.934		-9.584	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.978	0.962		-1.636	50.0
Indeno(1,2,3-cd)pyrene	1.249	1.248		-0.08	50.0
Dibenzo(a,h)anthracene	1.030	1.011		-1.845	50.0
Benzo(g,h,i)perylene	1.063	1.067		0.376	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.548		-3.18	50.0
1,4-Dioxane	0.557	0.479		-14.004	50.0
2,3,4,6-Tetrachlorophenol	0.305	0.309		1.311	50.0
1-Methylnaphthalene	0.623	0.611		-1.926	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BF090624
Lab Sample ID:	PB163138BL	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
BF139268.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BF090624
Lab Sample ID:	PB163138BL	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
BF139268.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BF090624
Lab Sample ID:	PB163138BL	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
BF139268.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.979		18-112		79	SPK: -150
13127-88-3	Phenol-d6	117.695		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	82.811		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	78.165		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BF090624
Lab Sample ID:	PB163138BL	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
BF139268.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.846		10-116		76	SPK: -150
1718-51-0	Terphenyl-d14	87.228		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156999	6.887				
1146-65-2	Naphthalene-d8	593248	8.169				
15067-26-2	Acenaphthene-d10	330690	9.922				
1517-22-2	Phenanthrene-d10	607286	11.41				
1719-03-5	Chrysene-d12	304698	14.051				
1520-96-3	Perylene-d12	266856	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.128	
000630-02-4	Octacosane	70.3	J			16.015	
000630-01-3	Hexacosane	78.6	J			16.533	
000593-49-7	Heptacosane	69	J			17.139	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BF090624
Lab Sample ID:	PB163139BL	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
BF139269.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BF090624
Lab Sample ID:	PB163139BL	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
BF139269.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BF090624
Lab Sample ID:	PB163139BL	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
BF139269.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

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	116.352		10-139		78	SPK: -150
13127-88-3	Phenol-d6	114.102		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	81.056		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	78.449		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BF090624
Lab Sample ID:	PB163139BL	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
BF139269.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.344		44-137		76	SPK: -150
1718-51-0	Terphenyl-d14	87.955		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163587	6.886				
1146-65-2	Naphthalene-d8	609350	8.169				
15067-26-2	Acenaphthene-d10	331699	9.922				
1517-22-2	Phenanthrene-d10	608322	11.41				
1719-03-5	Chrysene-d12	296509	14.051				
1520-96-3	Perylene-d12	264558	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3	J			2.251	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.5	A			5.134	
007098-22-8	Tetratetracontane	2.3	J			16.015	
001560-98-1	Octacosane, 2-methyl-	2.5	J			16.533	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139270.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	120	J	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	160	J	96.8	130	170	ug/Kg
108-95-2	Phenol	130	J	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	J	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	140	J	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	J	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	J	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	J	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	180	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	130	J	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	90.8	130	170	ug/Kg
98-86-2	Acetophenone	140	J	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	140	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	130	J	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	140	J	90.7	130	170	ug/Kg
78-59-1	Isophorone	140	J	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	110	J	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	120	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	J	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	J	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	J	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	140	J	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	140	J	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	120	J	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139270.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	J	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	J	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	150	J	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	120	J	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	140	J	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	150	J	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	J	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	120	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	130	J	81	130	170	ug/Kg
Total PAH	Total PAH	2047.4	J	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	270	J	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	140	J	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	J	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	130	J	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	J	85.5	130	170	ug/Kg
86-73-7	Fluorene	140	J	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	J	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	140	J	81.5	130	170	ug/Kg
103-33-3	Azobenzene	130	J	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	140	J	84.9	130	170	ug/Kg
1912-24-9	Atrazine	160	J	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139270.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

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	150	J	83.9	130	170	ug/Kg
120-12-7	Anthracene	140	J	84.3	130	170	ug/Kg
86-74-8	Carbazole	130	J	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	130	J	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	140	J	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	J	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	80.6	130	170	ug/Kg
218-01-9	Chrysene	130	J	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	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	120	J	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.5	J	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.8	J	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.1	J	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	J	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	130	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	J	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.617		18-112		76	SPK: -150
13127-88-3	Phenol-d6	114.613		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	82.487		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	79.493		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139270.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.667		10-116		76	SPK: -150
1718-51-0	Terphenyl-d14	77.839		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125291	6.886				
1146-65-2	Naphthalene-d8	457991	8.169				
15067-26-2	Acenaphthene-d10	249510	9.922				
1517-22-2	Phenanthrene-d10	447311	11.41				
1719-03-5	Chrysene-d12	214179	14.045				
1520-96-3	Perylene-d12	206705	15.521				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139271.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	280		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	360		180	270	330	ug/Kg
62-53-3	Aniline	360		96.8	130	170	ug/Kg
108-95-2	Phenol	310		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	310		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	310		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	310		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	310		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	310		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	350		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	310		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320		90.8	130	170	ug/Kg
98-86-2	Acetophenone	320		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	310	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	320		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	290		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	300		90.7	130	170	ug/Kg
78-59-1	Isophorone	310		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	290		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	280		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	310		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	310		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	310		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	310		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	330		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139271.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	310		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	320		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	320		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	310		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	290		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	320		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	340		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	300		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	300		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	300		81	130	170	ug/Kg
Total PAH	Total PAH	4810		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	340		240	270	330	ug/Kg
100-02-7	4-Nitrophenol	250	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	330		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	680		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	280		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	310		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	330		85.5	130	170	ug/Kg
86-73-7	Fluorene	320		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	270		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	320		81.5	130	170	ug/Kg
103-33-3	Azobenzene	310		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	310		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	310		84.9	130	170	ug/Kg
1912-24-9	Atrazine	380		91.3	130	170	ug/Kg

Report of Analysis

Client:				Date Collected:	5/7/2024 12:00:00 AM		
Project:				Date Received:	5/7/2024 12:00:00 AM		
Client Sample ID:	MDL-SOIL-03-QT2-2024			SDG No.:	BF090624		
Lab Sample ID:	P2403-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	0		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139271.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	220	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	330		83.9	130	170	ug/Kg
120-12-7	Anthracene	330		84.3	130	170	ug/Kg
86-74-8	Carbazole	310		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	310		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	310		81.6	130	170	ug/Kg
92-87-5	Benzidine	300	J	160	270	330	ug/Kg
129-00-0	Pyrene	320		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	280		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	310		80.6	130	170	ug/Kg
218-01-9	Chrysene	300		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	220	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	310		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	320		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	300		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.378		18-112		88	SPK: -150
13127-88-3	Phenol-d6	130.524		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	96.552		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	93.321		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139271.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.361		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	88.365		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113951	6.887				
1146-65-2	Naphthalene-d8	414779	8.169				
15067-26-2	Acenaphthene-d10	223419	9.927				
1517-22-2	Phenanthrene-d10	402342	11.41				
1719-03-5	Chrysene-d12	201793	14.051				
1520-96-3	Perylene-d12	189914	15.521				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139272.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.8	J	1	8	10	ug/L
110-86-1	Pyridine	3.7	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5	J	4	8	10	ug/L
62-53-3	Aniline	5		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	4.3	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	4.2	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	5.5	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	4.2	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.1	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.1	J	1.3	4	5	ug/L
78-59-1	Isophorone	4	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.5	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.9	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	4	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	4	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	4.1	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	4.3	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:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139272.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.4	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.8	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	4.1	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	3.8	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.7	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.5	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	3.6	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.2	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.4	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.4	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	3.7	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4	J	0.81	4	5	ug/L
Total PAH	Total PAH	61.3	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	8.2	J	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2.5	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)	6.7	J	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	3.3	J	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	3.3	J	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	4.2	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.1	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.1	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	4.2	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.9	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139272.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.4	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.4	J	0.89	4	5	ug/L
120-12-7	Anthracene	4.3	J	1.1	4	5	ug/L
86-74-8	Carbazole	4	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.8	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.1	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.3	J	4.1	8	10	ug/L
129-00-0	Pyrene	4.1	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3.1	J	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	3.9	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.2	J	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	3.6	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.9	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	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.7	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	2.7	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.3	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.1	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.8	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	116.189		10-139		77	SPK: -150
13127-88-3	Phenol-d6	115.629		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	82.206		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	81.198		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139272.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.522		44-137		78	SPK: -150
1718-51-0	Terphenyl-d14	76.028		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117966	6.887				
1146-65-2	Naphthalene-d8	440766	8.169				
15067-26-2	Acenaphthene-d10	237195	9.922				
1517-22-2	Phenanthrene-d10	422039	11.41				
1719-03-5	Chrysene-d12	212077	14.045				
1520-96-3	Perylene-d12	202708	15.521				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139273.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.4	J	1	8	10	ug/L
110-86-1	Pyridine	8.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10.6		4	8	10	ug/L
62-53-3	Aniline	10.9		1.6	4	5	ug/L
108-95-2	Phenol	9.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	9.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	9.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	9.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	9.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	10.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.4		1.4	4	5	ug/L
98-86-2	Acetophenone	9.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	9.2	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	9.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.8		1	4	5	ug/L
98-95-3	Nitrobenzene	8.9		1.3	4	5	ug/L
78-59-1	Isophorone	9.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	8.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	8.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	9.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	9.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	9.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	10.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	8.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139273.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.3	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	8.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	9.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	8.9	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	9.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	9.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	9.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	8.9		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	9.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	10.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	8.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	9.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	9		0.81	4	5	ug/L
Total PAH	Total PAH	144.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	10.2		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	7.3	J	2	8	10	ug/L
132-64-9	Dibenzofuran	9.8		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	8.3		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.9		2.7	4	10	ug/L
84-66-2	Diethylphthalate	9.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6		0.98	4	5	ug/L
86-73-7	Fluorene	9.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	8.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	5.5	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	9.5		0.89	4	5	ug/L
103-33-3	Azobenzene	9.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	9.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	9.3		1.1	4	5	ug/L
1912-24-9	Atrazine	11.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139273.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.5	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	9.7		0.89	4	5	ug/L
120-12-7	Anthracene	9.9		1.1	4	5	ug/L
86-74-8	Carbazole	9.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	9.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	9.5		1.3	4	5	ug/L
92-87-5	Benzidine	11.2		4.1	8	10	ug/L
129-00-0	Pyrene	9.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	8.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	9.2	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	9.3		0.94	4	5	ug/L
218-01-9	Chrysene	9.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	6.4	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	9.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	9.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	7.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	6.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	8.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	9.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.055		10-139		85	SPK: -150
13127-88-3	Phenol-d6	128.577		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	95.337		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	92.774		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BF090624
Lab Sample ID:	P2403-09	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
BF139273.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.632		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	87.908		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114838	6.887				
1146-65-2	Naphthalene-d8	418171	8.169				
15067-26-2	Acenaphthene-d10	221758	9.928				
1517-22-2	Phenanthrene-d10	405003	11.41				
1719-03-5	Chrysene-d12	203603	14.045				
1520-96-3	Perylene-d12	189537	15.521				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	VNJ223	SDG No.:	BF090624
Lab Sample ID:	P3852-02	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
BF139274.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

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	52.6	U	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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	VNJ223	SDG No.:	BF090624
Lab Sample ID:	P3852-02	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
BF139274.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

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	2261.9	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.7	U	107.7	82.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	82.7	110	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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	VNJ223	SDG No.:	BF090624
Lab Sample ID:	P3852-02	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
BF139274.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

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	280		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	390		52	82.7	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	310		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	240		51.3	82.7	110	ug/Kg
218-01-9	Chrysene	240		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	290		51.6	82.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	130		52.6	82.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	230		59.2	82.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76.4	J	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	75.5	J	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	18.761	*	18-112		13	SPK: -150
13127-88-3	Phenol-d6	18.929	*	15-107		13	SPK: -150
4165-60-0	Nitrobenzene-d5	13.356	*	18-107		13	SPK: -100
321-60-8	2-Fluorobiphenyl	15.107	*	20-109		15	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	VNJ223	SDG No.:	BF090624
Lab Sample ID:	P3852-02	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
BF139274.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	18.955		10-116		13	SPK: -150
1718-51-0	Terphenyl-d14	11.981		10-105		12	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111883	6.887				
1146-65-2	Naphthalene-d8	411632	8.169				
15067-26-2	Acenaphthene-d10	218311	9.922				
1517-22-2	Phenanthrene-d10	339524	11.41				
1719-03-5	Chrysene-d12	195078	14.051				
1520-96-3	Perylene-d12	219591	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.163	
	unknown10.022	680	J			10.022	
000119-61-9	Benzophenone	91.8	J			10.634	
000057-10-3	n-Hexadecanoic acid	140	J			11.939	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	86.7	J			12.022	
002381-21-7	Pyrene, 1-methyl-	44.3	J			13.069	
000243-17-4	11H-Benzo[b]fluorene	67.4	J			13.175	
003353-12-6	Pyrene, 4-methyl-	42.6	J			13.28	
022108-55-0	Anthra(2,3-b)thiophene	47.3	J			13.798	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	74.4	J			14.686	
000192-97-2	Benzo[e]pyrene	130	J			15.398	
000191-26-4	Dibenzo[def,mno]chrysene	96.3	J			16.998	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356	SDG No.:	BF090624
Lab Sample ID:	P3852-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139275.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	65.2	U	65.2	200	250	ug/Kg
110-86-1	Pyridine	60	U	60	97.6	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	250	ug/Kg
62-53-3	Aniline	72.7	U	72.7	97.6	130	ug/Kg
108-95-2	Phenol	62.2	U	62.2	97.6	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	62.8	U	62.8	97.6	130	ug/Kg
95-57-8	2-Chlorophenol	62.7	U	62.7	97.6	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	63.5	U	63.5	97.6	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	64.6	U	64.6	97.6	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.9	U	64.9	97.6	130	ug/Kg
100-51-6	Benzyl Alcohol	62.3	U	62.3	200	250	ug/Kg
95-48-7	2-Methylphenol	60.5	U	60.5	97.6	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.2	U	68.2	97.6	130	ug/Kg
98-86-2	Acetophenone	65.2	U	65.2	97.6	130	ug/Kg
65794-96-9	3+4-Methylphenols	59.9	U	59.9	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30.3	U	30.3	60.1	60.1	ug/Kg
67-72-1	Hexachloroethane	62.3	U	62.3	97.6	130	ug/Kg
98-95-3	Nitrobenzene	68.2	U	68.2	97.6	130	ug/Kg
78-59-1	Isophorone	63.5	U	63.5	97.6	130	ug/Kg
88-75-5	2-Nitrophenol	70.9	U	70.9	97.6	130	ug/Kg
105-67-9	2,4-Dimethylphenol	70	U	70	97.6	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64.4	U	64.4	97.6	130	ug/Kg
120-83-2	2,4-Dichlorophenol	56.7	U	56.7	97.6	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	64.1	U	64.1	97.6	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	250	ug/Kg
91-20-3	Naphthalene	62	U	62	97.6	130	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	97.6	130	ug/Kg
87-68-3	Hexachlorobutadiene	62.5	U	62.5	97.6	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356	SDG No.:	BF090624
Lab Sample ID:	P3852-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139275.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	65.2	U	65.2	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58.2	U	58.2	97.6	130	ug/Kg
91-57-6	2-Methylnaphthalene	61.9	U	61.9	97.6	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53.6	U	53.6	97.6	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55.5	U	55.5	97.6	130	ug/Kg
92-52-4	1,1-Biphenyl	65.6	U	65.6	97.6	130	ug/Kg
91-58-7	2-Chloronaphthalene	62.5	U	62.5	97.6	130	ug/Kg
88-74-4	2-Nitroaniline	71.3	U	71.3	97.6	130	ug/Kg
131-11-3	Dimethylphthalate	61.3	U	61.3	97.6	130	ug/Kg
208-96-8	Acenaphthylene	64.9	U	64.9	97.6	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.5	U	62.5	97.6	130	ug/Kg
99-09-2	3-Nitroaniline	67	U	67	97.6	130	ug/Kg
83-32-9	Acenaphthene	60.9	U	60.9	97.6	130	ug/Kg
Total PAH	Total PAH	5338	U	994.8	97.6	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	87.1	U	87.1	200	250	ug/Kg
132-64-9	Dibenzofuran	63.4	U	63.4	97.6	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.2	U	127.2	97.6	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	64.7	U	64.7	97.6	130	ug/Kg
84-66-2	Diethylphthalate	60.1	U	60.1	97.6	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64.3	U	64.3	97.6	130	ug/Kg
86-73-7	Fluorene	64.2	U	64.2	97.6	130	ug/Kg
100-01-6	4-Nitroaniline	80.3	U	80.3	97.6	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.3	U	61.3	97.6	130	ug/Kg
103-33-3	Azobenzene	59.8	U	59.8	97.6	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59.2	U	59.2	97.6	130	ug/Kg
118-74-1	Hexachlorobenzene	63.8	U	63.8	97.6	130	ug/Kg
1912-24-9	Atrazine	68.6	U	68.6	97.6	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356	SDG No.:	BF090624
Lab Sample ID:	P3852-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139275.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	58	U	58	200	250	ug/Kg
85-01-8	Phenanthrene	400		63.1	97.6	130	ug/Kg
120-12-7	Anthracene	63.4	U	63.4	97.6	130	ug/Kg
86-74-8	Carbazole	60.3	U	60.3	97.6	130	ug/Kg
84-74-2	Di-n-butylphthalate	63.3	U	63.3	97.6	130	ug/Kg
206-44-0	Fluoranthene	1100		61.3	97.6	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	250	ug/Kg
129-00-0	Pyrene	830		62.3	97.6	130	ug/Kg
85-68-7	Butylbenzylphthalate	72.7	U	72.7	97.6	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	430		60.6	97.6	130	ug/Kg
218-01-9	Chrysene	580		59.7	97.6	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400	E	68.3	97.6	130	ug/Kg
117-84-0	Di-n-octyl phthalate	82.6	U	82.6	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	720		60.9	97.6	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		62	97.6	130	ug/Kg
50-32-8	Benzo(a)pyrene	430		69.8	97.6	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		58.6	97.6	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	J	61	97.6	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		60.1	97.6	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65.2	U	65.2	97.6	130	ug/Kg
123-91-1	1,4-Dioxane	82.6	U	82.6	97.6	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.1	U	56.1	97.6	130	ug/Kg
90-12-0	1-Methylnaphthalene	62.5	U	62.5	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.959		18-112		47	SPK: -150
13127-88-3	Phenol-d6	66.48		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	50.658		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	51.846		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356	SDG No.:	BF090624
Lab Sample ID:	P3852-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139275.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.105		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	52.996		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99421	6.886				
1146-65-2	Naphthalene-d8	327157	8.169				
15067-26-2	Acenaphthene-d10	148854	9.927				
1517-22-2	Phenanthrene-d10	225859	11.427				
1719-03-5	Chrysene-d12	114828	14.104				
1520-96-3	Perylene-d12	106765	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	73.3	A			5.087	
000104-76-7	1-Hexanol, 2-ethyl-	87.6	J			6.986	
	unknown8.498	85.1	J			8.498	
	unknown8.863	220	J			8.863	
	unknown9.057	150	J			9.057	
002425-77-6	1-Decanol, 2-hexyl-	190	J			9.327	
000128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)	480	J			9.592	
018344-37-1	Heptadecane, 2,6,10,14-tetramethyl	260	J			9.645	
000719-22-2	2,5-Cyclohexadiene-1,4-dione, 2,6-	160	J			9.745	
003045-76-9	Cyclododecanone, 2-methylene-	180	J			9.839	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DN-B-37	SDG No.:	BF090624
Lab Sample ID:	P3861-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139276.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.9	U	90.9	280	350	ug/Kg
110-86-1	Pyridine	83.6	U	83.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.8	U	86.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.6	U	87.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.4	U	87.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.6	U	88.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90	U	90	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.6	U	90.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	86.9	U	86.9	280	350	ug/Kg
95-48-7	2-Methylphenol	84.4	U	84.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.2	U	95.2	140	180	ug/Kg
98-86-2	Acetophenone	91	U	91	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.5	U	83.5	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.2	U	42.2	83.7	83.7	ug/Kg
67-72-1	Hexachloroethane	86.9	U	86.9	140	180	ug/Kg
98-95-3	Nitrobenzene	95.1	U	95.1	140	180	ug/Kg
78-59-1	Isophorone	88.6	U	88.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	98.9	U	98.9	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.6	U	97.6	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.8	U	89.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	79	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.4	U	89.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.5	U	86.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.5	U	86.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.2	U	87.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DN-B-37	SDG No.:	BF090624
Lab Sample ID:	P3861-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139276.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	90.9	U	90.9	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.1	U	81.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.4	U	86.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.7	U	74.7	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.5	U	77.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.5	U	91.5	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.2	U	87.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.4	U	99.4	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.5	U	85.5	140	180	ug/Kg
208-96-8	Acenaphthylene	90.6	U	90.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.1	U	87.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	140	180	ug/Kg
83-32-9	Acenaphthene	84.9	U	84.9	140	180	ug/Kg
Total PAH	Total PAH	1387.4	U	1387.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.4	U	88.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	77.3	U	177.3	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.2	U	90.2	140	180	ug/Kg
84-66-2	Diethylphthalate	83.9	U	83.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.6	U	89.6	140	180	ug/Kg
86-73-7	Fluorene	89.5	U	89.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.4	U	85.4	140	180	ug/Kg
103-33-3	Azobenzene	83.3	U	83.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.6	U	82.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	140	180	ug/Kg
1912-24-9	Atrazine	95.7	U	95.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DN-B-37	SDG No.:	BF090624
Lab Sample ID:	P3861-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139276.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.9	U	80.9	280	350	ug/Kg
85-01-8	Phenanthrene	87.9	U	87.9	140	180	ug/Kg
120-12-7	Anthracene	88.4	U	88.4	140	180	ug/Kg
86-74-8	Carbazole	84.1	U	84.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.2	U	88.2	140	180	ug/Kg
206-44-0	Fluoranthene	180		85.5	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	130	J	86.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	84.5	140	180	ug/Kg
218-01-9	Chrysene	89.5	J	83.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.3	U	95.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	84.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.5	U	86.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	97.4	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.8	U	81.8	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	U	85	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	83.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.9	U	90.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.2	U	78.2	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.1	U	87.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.12		18-112		55	SPK: -150
13127-88-3	Phenol-d6	84.17		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	61.381		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	68.256		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DN-B-37	SDG No.:	BF090624
Lab Sample ID:	P3861-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139276.D	1	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.06		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	64.133		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113163	6.887				
1146-65-2	Naphthalene-d8	409795	8.169				
15067-26-2	Acenaphthene-d10	202561	9.922				
1517-22-2	Phenanthrene-d10	311593	11.41				
1719-03-5	Chrysene-d12	179914	14.051				
1520-96-3	Perylene-d12	129912	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.104	
000629-50-5	Tridecane	76.4	J			8.757	
000119-61-9	Benzophenone	150	J			10.639	
000057-10-3	n-Hexadecanoic acid	490	J			11.939	
000057-11-4	Octadecanoic acid	180	J			12.722	
069674-55-1	1-Naphthalenecarboxylic acid, 8-(d	200	J			12.751	
074685-30-6	5-Eicosene, (E)-	280	J			13.904	
000646-31-1	Tetracosane	450	J			15.18	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356DL	SDG No.:	BF090624
Lab Sample ID:	P3852-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139277.D	2	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	U	130	410	500	ug/Kg
110-86-1	Pyridine	120	U	120	200	260	ug/Kg
100-52-7	Benzaldehyde	270	U	270	410	500	ug/Kg
62-53-3	Aniline	150	U	150	200	260	ug/Kg
108-95-2	Phenol	120	U	120	200	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	260	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	260	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	260	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	U	130	200	260	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	U	130	200	260	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	410	500	ug/Kg
95-48-7	2-Methylphenol	120	U	120	200	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	260	ug/Kg
98-86-2	Acetophenone	130	U	130	200	260	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	410	500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	60.5	U	60.5	120	120	ug/Kg
67-72-1	Hexachloroethane	120	U	120	200	260	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	260	ug/Kg
78-59-1	Isophorone	130	U	130	200	260	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	200	260	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	200	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	200	260	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	200	260	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	260	ug/Kg
65-85-0	Benzoic acid	360	U	360	410	500	ug/Kg
91-20-3	Naphthalene	120	U	120	200	260	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	200	260	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356DL	SDG No.:	BF090624
Lab Sample ID:	P3852-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139277.D	2	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	130	U	130	410	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	260	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	200	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	410	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	200	260	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	200	260	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	260	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	200	260	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	200	260	ug/Kg
208-96-8	Acenaphthylene	130	U	130	200	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	200	260	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	200	260	ug/Kg
83-32-9	Acenaphthene	120	U	120	200	260	ug/Kg
Total PAH	Total PAH	5390	UD	1980	200	4160	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	410	500	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	410	500	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	260	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	200	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	200	260	ug/Kg
84-66-2	Diethylphthalate	120	U	120	200	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	260	ug/Kg
86-73-7	Fluorene	130	U	130	200	260	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	200	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	410	500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	200	260	ug/Kg
103-33-3	Azobenzene	120	U	120	200	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	260	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	260	ug/Kg
1912-24-9	Atrazine	140	U	140	200	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356DL	SDG No.:	BF090624
Lab Sample ID:	P3852-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139277.D	2	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	410	500	ug/Kg
85-01-8	Phenanthrene	400	D	130	200	260	ug/Kg
120-12-7	Anthracene	130	U	130	200	260	ug/Kg
86-74-8	Carbazole	120	U	120	200	260	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	260	ug/Kg
206-44-0	Fluoranthene	1200	D	120	200	260	ug/Kg
92-87-5	Benzidine	240	U	240	410	500	ug/Kg
129-00-0	Pyrene	880	D	120	200	260	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	410	500	ug/Kg
56-55-3	Benzo(a)anthracene	450	D	120	200	260	ug/Kg
218-01-9	Chrysene	570	D	120	200	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100	D	140	200	260	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	650	D	120	200	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	D	120	200	260	ug/Kg
50-32-8	Benzo(a)pyrene	420	D	140	200	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	D	120	200	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	200	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	D	120	200	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	200	260	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	200	260	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	260	260	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.286		18-112		46	SPK: -150
13127-88-3	Phenol-d6	64.25		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	48		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	51.606		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	ETGI356DL	SDG No.:	BF090624
Lab Sample ID:	P3852-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.1
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
BF139277.D	2	9/6/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163179

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.066		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	52.014		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94466	6.886				
1146-65-2	Naphthalene-d8	309111	8.169				
15067-26-2	Acenaphthene-d10	146363	9.927				
1517-22-2	Phenanthrene-d10	248493	11.421				
1719-03-5	Chrysene-d12	127196	14.086				
1520-96-3	Perylene-d12	119183	15.562				

Hit Summary Sheet SW-846

SDG No.: BF090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT2-2024								
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,1-Biphenyl	150.000	J	87.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2,4,5-Tetrachlorobenzene	140.000	J	86.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2,4-Trichlorobenzene	140.000	J	85.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2-Dichlorobenzene	130.000	J	84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,3-Dichlorobenzene	140.000	J	85.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dichlorobenzene	130.000	J	86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dioxane	130.000	J	110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1-Methylnaphthalene	130.000	J	83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	90.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,3,4,6-Tetrachlorophenol	120.000	J	74.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4,5-Trichlorophenol	120.000	J	73.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4,6-Trichlorophenol	120.000	J	71.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dichlorophenol	130.000	J	75.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dimethylphenol	120.000	J	93.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dinitrophenol	270.000	J	240	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dinitrotoluene	110.000	J	86.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,6-Dinitrotoluene	120.000	J	83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Chloronaphthalene	140.000	J	83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Chlorophenol	140.000	J	83.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylnaphthalene	140.000	J	82.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylphenol	130.000	J	80.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Nitroaniline	120.000	J	94.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Nitrophenol	110.000	J	94.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3+4-Methylphenols	140.000	J	79.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3,3-Dichlorobenzidine	120.000	J	98.5	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3-Nitroaniline	120.000	J	89.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Bromophenyl-phenylether	140.000	J	78.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chloro-3-methylphenol	130.000	J	77.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chloroaniline	140.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chlorophenyl-phenylether	140.000	J	85.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Nitroaniline	110.000	J	110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthene	130.000	J	81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthylene	150.000	J	86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acetophenone	140.000	J	86.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Aniline	160.000	J	96.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Anthracene	140.000	J	84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Atrazine	160.000	J	91.3	170	ug/Kg

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SDG No.: BF090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	Azobenzene	130.000	J	79.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)anthracene	140.000	J	80.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)pyrene	130.000	J	92.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(b)fluoranthene	120.000	J	81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(g,h,i)perylene	89.100	J	80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(k)fluoranthene	130.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzyl Alcohol	180.000	J	82.9	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethoxy)methane	140.000	J	85.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethyl)ether	140.000	J	83.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Bis(2-ethylhexyl)phthalate	100.000	J	90.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Butylbenzylphthalate	100.000	J	96.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Caprolactam	120.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Carbazole	130.000	J	80.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Chrysene	130.000	J	79.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Di-n-butylphthalate	120.000	J	84.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzo(a,h)anthracene	91.800	J	81.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzofuran	140.000	J	84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Diethylphthalate	130.000	J	80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dimethylphthalate	140.000	J	81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluoranthene	130.000	J	81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluorene	140.000	J	85.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobenzene	140.000	J	84.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobutadiene	120.000	J	83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachloroethane	130.000	J	82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Indeno(1,2,3-cd)pyrene	96.500	J	78	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Isophorone	140.000	J	84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitroso-di-n-propylamine	140.000		40.2	79.9	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodimethylamine	120.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodiphenylamine	140.000	J	81.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Naphthalene	140.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Nitrobenzene	140.000	J	90.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenanthrene	150.000	J	83.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenol	130.000	J	82.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyrene	140.000	J	82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyridine	120.000	J	79.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	230.000	J	169.2	340	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Total PAH	2,047.000	J	1323.5	2720	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,1-Biphenyl	320.000		87.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2,4,5-Tetrachlorobenzene	320.000		86.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2,4-Trichlorobenzene	310.000		85.3	170	ug/Kg

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SDG No.: BF090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2-Dichlorobenzene	310.000		84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,3-Dichlorobenzene	310.000		85.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,4-Dichlorobenzene	310.000		86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,4-Dioxane	300.000		110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1-Methylnaphthalene	300.000		83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,2-oxybis(1-Chloropropane)	320.000		90.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,3,4,6-Tetrachlorophenol	300.000		74.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4,5-Trichlorophenol	300.000		73.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4,6-Trichlorophenol	290.000		71.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dichlorophenol	310.000		75.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dimethylphenol	280.000		93.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrophenol	340.000		240	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene	280.000		86.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,6-Dinitrotoluene	300.000		83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Chloronaphthalene	310.000		83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Chlorophenol	310.000		83.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Methylnaphthalene	320.000		82.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Methylphenol	310.000		80.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Nitroaniline	290.000		94.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Nitrophenol	290.000		94.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3+4-Methylphenols	310.000	J	79.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3,3-Dichlorobenzidine	320.000	J	98.5	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3-Nitroaniline	300.000		89.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4,6-Dinitro-2-methylphenol	170.000	J	120	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Bromophenyl-phenylether	310.000		78.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chloro-3-methylphenol	310.000		77.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chloroaniline	330.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chlorophenyl-phenylether	330.000		85.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Nitroaniline	270.000		110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Nitrophenol	250.000	J	120	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acenaphthene	300.000		81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acenaphthylene	340.000		86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acetophenone	320.000		86.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Aniline	360.000		96.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Anthracene	330.000		84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Atrazine	380.000		91.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Azobenzene	310.000		79.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzaldehyde	360.000		180	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzidine	300.000	J	160	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)anthracene	310.000		80.6	170	ug/Kg

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SDG No.: BF090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)pyrene	310.000		92.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(b)fluoranthene	290.000		81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(g,h,i)perylene	230.000		80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(k)fluoranthene	320.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzyl Alcohol	350.000		82.9	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethoxy)methane	310.000		85.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethyl)ether	310.000		83.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Bis(2-ethylhexyl)phthalate	260.000		90.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Butylbenzylphthalate	280.000		96.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Caprolactam	280.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Carbazole	310.000		80.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Chrysene	300.000		79.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Di-n-butylphthalate	310.000		84.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Di-n-octyl phthalate	220.000	J	110	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzo(a,h)anthracene	240.000		81.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzofuran	330.000		84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Diethylphthalate	310.000		80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dimethylphthalate	320.000		81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluoranthene	310.000		81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluorene	320.000		85.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobenzene	310.000		84.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobutadiene	300.000		83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorocyclopentadiene	310.000	J	160	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachloroethane	290.000		82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Indeno(1,2,3-cd)pyrene	250.000		78	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Isophorone	310.000		84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitroso-di-n-propylamine	320.000		40.2	79.9	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodimethylamine	300.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodiphenylamine	320.000		81.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Naphthalene	310.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Nitrobenzene	300.000		90.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pentachlorophenol	220.000	J	77.2	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenanthrene	330.000		83.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenol	310.000		82.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyrene	320.000		82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyridine	280.000		79.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	580.000		169.2	340	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Total PAH	4,810.000		1323.5	2720	ug/Kg
Total Svoc :				41,154.40				
Total Concentration:				41,154.40				

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SDG No.: BF090624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-03-QT2-2024						
P2403-09	MDL-WATER-03-QT2-2\ Water	1,1-Biphenyl	4.500	J	0.91	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4,5-Tetrachlorobenzene	4.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4-Trichlorobenzene	4.000	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2-Dichlorobenzene	4.200	J	0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,3-Dichlorobenzene	4.100	J	0.8	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dichlorobenzene	4.100	J	0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dioxane	4.100	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1-Methylnaphthalene	3.900	J	0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,3,4,6-Tetrachlorophenol	3.800	J	0.79	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,5-Trichlorophenol	3.700	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,6-Trichlorophenol	3.800	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dichlorophenol	4.000	J	0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dimethylphenol	3.900	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrophenol	8.200	J	6.4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene	3.300	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,6-Dinitrotoluene	3.400	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chloronaphthalene	4.100	J	0.97	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chlorophenol	4.300	J	0.71	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylnaphthalene	4.100	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylphenol	3.900	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitroaniline	3.600	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitrophenol	3.500	J	2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3+4-Methylphenols	4.200	J	1.2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3,3-Dichlorobenzidine	3.700	J	1.3	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3-Nitroaniline	3.700	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Bromophenyl-phenylether	4.100	J	0.95	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloro-3-methylphenol	3.800	J	0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloroaniline	4.300	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chlorophenyl-phenylether	4.200	J	0.98	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitroaniline	3.300	J	2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitrophenol	2.500	J	2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthene	4.000	J	0.81	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthylene	4.400	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acetophenone	4.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Aniline	5.000		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Anthracene	4.300	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Atrazine	4.900	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Azobenzene	4.100	J	1.2	5	ug/L

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SDG No.: BF090624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzaldehyde	5.000	J	4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzidine	4.300	J	4.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	4.100	J	0.94	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	3.800	J	1.7	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	3.600	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	2.700	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	3.900	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzyl Alcohol	5.500	J	1.6	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethoxy)methane	4.100	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	4.300	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	3.200	J	1.9	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Butylbenzylphthalate	3.100	J	2.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Caprolactam	3.400	J	1.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Carbazole	4.000	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	3.900	J	0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-butylphthalate	3.800	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	2.700	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzofuran	4.300	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Diethylphthalate	4.100	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dimethylphthalate	4.200	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	4.100	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	4.200	J	0.96	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	4.200	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	3.800	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachloroethane	4.100	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	3.000	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Isophorone	4.000	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitroso-di-n-propylamine	4.000		1.5	2.5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	3.800	J	1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodiphenylamine	4.200	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	4.100	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Nitrobenzene	4.100	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	2.400	J	1.9	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	4.400	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenol	4.200	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	4.100	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyridine	3.700	J	1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	6.700	J	2.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	61.300	J	17.36	80	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,1-Biphenyl	9.800		0.91	5	ug/L

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SDG No.: BF090624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4,5-Tetrachlorobenzene	9.600		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4-Trichlorobenzene	9.100		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2-Dichlorobenzene	9.100		0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,3-Dichlorobenzene	9.000		0.8	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dichlorobenzene	9.300		0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dioxane	8.600		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1-Methylnaphthalene	8.700		0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,2-oxybis(1-Chloropropane)	9.400		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,3,4,6-Tetrachlorophenol	9.300		0.79	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,5-Trichlorophenol	8.900		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,6-Trichlorophenol	9.100		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dichlorophenol	9.000		0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dimethylphenol	8.300		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrophenol	10.200		6.4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene	8.300		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,6-Dinitrotoluene	8.600		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chloronaphthalene	9.300		0.97	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chlorophenol	9.300		0.71	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylnaphthalene	9.200		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylphenol	8.600		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitroaniline	8.900		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitrophenol	8.700		2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3+4-Methylphenols	9.200	J	1.2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3,3-Dichlorobenzidine	9.200	J	1.3	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3-Nitroaniline	9.100		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4,6-Dinitro-2-methylphenol	5.500	J	3.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Bromophenyl-phenylether	9.100		0.95	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloro-3-methylphenol	8.700		0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloroaniline	10.200		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chlorophenyl-phenylether	9.600		0.98	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitroaniline	8.400		2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitrophenol	7.300	J	2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthene	9.000		0.81	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthylene	10.100		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acetophenone	9.600		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Aniline	10.900		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Anthracene	9.900		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Atrazine	11.700		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Azobenzene	9.400		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzaldehyde	10.600		4	10	ug/L

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SDG No.: BF090624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzidine	11.200		4.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	9.300		0.94	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	9.300		1.7	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	8.900		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	6.900		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	9.600		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzyl Alcohol	10.700		1.6	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethoxy)methane	9.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	9.500		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	7.900		1.9	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Butylbenzylphthalate	8.500		2.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Caprolactam	8.300	J	1.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Carbazole	9.200		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	9.300		0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-butylphthalate	9.300		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-octyl phthalate	6.400	J	2.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	7.100		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzofuran	9.800		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Diethylphthalate	9.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dimethylphthalate	9.700		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	9.500		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	9.900		0.96	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	9.300		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	8.700		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorocyclopentadiene	8.900	J	5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachloroethane	8.800		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	7.600		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Isophorone	9.300		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitroso-di-n-propylamine	9.400		1.5	2.5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	8.400	J	1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodiphenylamine	9.500		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	9.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Nitrobenzene	8.900		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	6.500	J	1.9	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	9.700		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenol	9.200		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	9.300		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyridine	8.100		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	16.900		2.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	144.000		17.36	80	ug/L

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SDG No.: BF090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	1,249.10				
			Total Concentration:	1,249.10				
Client ID : VNJ223								
P3852-02	VNJ223	Solid	1,4-Benzenedicarboxylic acid, bis *	74.400	J			
P3852-02	VNJ223	Solid	11H-Benzo[b]fluorene *	67.400	J			
P3852-02	VNJ223	Solid	Anthra(2,3-b)thiophene *	47.300	J			
P3852-02	VNJ223	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	86.700	J			
P3852-02	VNJ223	Solid	Benzo[e]pyrene *	130.000	J			
P3852-02	VNJ223	Solid	Benzophenone *	91.800	J			
P3852-02	VNJ223	Solid	Butane, 2-methoxy-2-methyl- *	1,600.000	J			
P3852-02	VNJ223	Solid	Dibenzo[def,mno]chrysene *	96.300	J			
P3852-02	VNJ223	Solid	n-Hexadecanoic acid *	140.000	J			
P3852-02	VNJ223	Solid	Pyrene, 1-methyl- *	44.300	J			
P3852-02	VNJ223	Solid	Pyrene, 4-methyl- *	42.600	J			
P3852-02	VNJ223	Solid	unknown10.022 *	680.000	J			
			Total Tics :	3,100.80				
P3852-02	VNJ223	Solid	Benzo(a)anthracene	240.000		51.3	110	ug/Kg
P3852-02	VNJ223	Solid	Benzo(a)pyrene	230.000		59.2	110	ug/Kg
P3852-02	VNJ223	Solid	Benzo(b)fluoranthene	290.000		51.6	110	ug/Kg
P3852-02	VNJ223	Solid	Benzo(g,h,i)perylene	75.500	J	51	110	ug/Kg
P3852-02	VNJ223	Solid	Benzo(k)fluoranthene	130.000		52.6	110	ug/Kg
P3852-02	VNJ223	Solid	Chrysene	240.000		50.6	110	ug/Kg
P3852-02	VNJ223	Solid	Fluoranthene	390.000		52	110	ug/Kg
P3852-02	VNJ223	Solid	Indeno(1,2,3-cd)pyrene	76.400	J	49.7	110	ug/Kg
P3852-02	VNJ223	Solid	Phenanthrene	280.000		53.4	110	ug/Kg
P3852-02	VNJ223	Solid	Pyrene	310.000		52.8	110	ug/Kg
			Total Svoc :	2,261.90				
			Total Concentration:	5,362.70				
Client ID : ETGI356								
P3852-04	ETGI356	Solid	1-Decanol, 2-hexyl- *	190.000	J			
P3852-04	ETGI356	Solid	1-Hexanol, 2-ethyl- *	87.600	J			
P3852-04	ETGI356	Solid	2,5-Cyclohexadiene-1,4-dione, 2,6-dimethyl- *	160.000	J			
P3852-04	ETGI356	Solid	2-Pentanone, 4-hydroxy-4-methyl *	73.300	A			
P3852-04	ETGI356	Solid	Butane, 2-methoxy-2-methyl- *	1,100.000	J			
P3852-04	ETGI356	Solid	Cyclododecanone, 2-methylene- *	180.000	J			
P3852-04	ETGI356	Solid	Heptadecane, 2,6,10,14-tetramethyl- *	260.000	J			
P3852-04	ETGI356	Solid	Phenol, 2,6-bis(1,1-dimethylethyl) *	480.000	J			
P3852-04	ETGI356	Solid	unknown8.498 *	85.100	J			
P3852-04	ETGI356	Solid	unknown8.863 *	220.000	J			

Hit Summary Sheet SW-846

SDG No.: BF090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3852-04	ETGI356	Solid	unknown9.057	*	150.000	J		
Total Tics :					2,986.00			
P3852-04	ETGI356	Solid	Benzo(a)anthracene	430.000		60.6	130	ug/Kg
P3852-04	ETGI356	Solid	Benzo(a)pyrene	430.000		69.8	130	ug/Kg
P3852-04	ETGI356	Solid	Benzo(b)fluoranthene	720.000		60.9	130	ug/Kg
P3852-04	ETGI356	Solid	Benzo(g,h,i)perylene	290.000		60.1	130	ug/Kg
P3852-04	ETGI356	Solid	Benzo(k)fluoranthene	210.000		62	130	ug/Kg
P3852-04	ETGI356	Solid	Bis(2-ethylhexyl)phthalate	2,400.000	E	68.3	130	ug/Kg
P3852-04	ETGI356	Solid	Chrysene	580.000		59.7	130	ug/Kg
P3852-04	ETGI356	Solid	Dibenzo(a,h)anthracene	78.000	J	61	130	ug/Kg
P3852-04	ETGI356	Solid	Fluoranthene	1,100.000		61.3	130	ug/Kg
P3852-04	ETGI356	Solid	Indeno(1,2,3-cd)pyrene	270.000		58.6	130	ug/Kg
P3852-04	ETGI356	Solid	Phenanthrene	400.000		63.1	130	ug/Kg
P3852-04	ETGI356	Solid	Pyrene	830.000		62.3	130	ug/Kg
Total Svoc :					7,738.00			
Total Concentration:					10,724.00			
Client ID : ETGI356DL								
P3852-04DL	ETGI356DL	Solid	Benzo(a)anthracene	450.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Benzo(a)pyrene	420.000	D	140	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Benzo(b)fluoranthene	650.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Benzo(g,h,i)perylene	270.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Benzo(k)fluoranthene	290.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Bis(2-ethylhexyl)phthalate	3,100.000	D	140	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Chrysene	570.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Fluoranthene	1,200.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Indeno(1,2,3-cd)pyrene	260.000	D	120	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Phenanthrene	400.000	D	130	260	ug/Kg
P3852-04DL	ETGI356DL	Solid	Pyrene	880.000	D	120	260	ug/Kg
Total Svoc :					8,490.00			
Total Concentration:					8,490.00			
Client ID : DN-B-37								
P3861-01	DN-B-37	Solid	1-Naphthalenecarboxylic acid, 8-(	*	200.000	J		
P3861-01	DN-B-37	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3861-01	DN-B-37	Solid	5-Eicosene, (E)-	*	280.000	J		
P3861-01	DN-B-37	Solid	Benzophenone	*	150.000	J		
P3861-01	DN-B-37	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3861-01	DN-B-37	Solid	n-Hexadecanoic acid	*	490.000	J		
P3861-01	DN-B-37	Solid	Octadecanoic acid	*	180.000	J		
P3861-01	DN-B-37	Solid	Tetracosane	*	450.000	J		

Hit Summary Sheet SW-846

SDG No.: BF090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3861-01	DN-B-37	Solid	Tridecane	*	76.400	J		
Total Tics :					4,116.40			
P3861-01	DN-B-37	Solid	Benzo(a)anthracene	100.000	J	84.5	180	ug/Kg
P3861-01	DN-B-37	Solid	Benzo(a)pyrene	120.000	J	97.4	180	ug/Kg
P3861-01	DN-B-37	Solid	Benzo(b)fluoranthene	160.000	J	84.9	180	ug/Kg
P3861-01	DN-B-37	Solid	Benzo(g,h,i)perylene	100.000	J	83.9	180	ug/Kg
P3861-01	DN-B-37	Solid	Chrysene	89.500	J	83.2	180	ug/Kg
P3861-01	DN-B-37	Solid	Fluoranthene	180.000		85.5	180	ug/Kg
P3861-01	DN-B-37	Solid	Pyrene	130.000	J	86.9	180	ug/Kg
Total Svoc :					879.50			
Total Concentration:					4,995.90			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF090424 SAS No.: BF090424 SDG No.: BF090424
Instrument ID: _____ Calibration Date(s): 9/4/2024 1: _____
Calibration Time(s): 11:39 _____

LAB FILE ID:		RRF2.5 = BF139234.D			RRF005 = BF139235.D		RRF010 = BF139236.D	
		RRF020 = BF139237.D			RRF040 = BF139238.D		RRF050 = BF139239.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.883	0.876	0.895	0.858	0.848	0.873	1.9
Pyridine		1.421	1.402	1.399	1.301	1.300	1.344	4.5
2-Fluorophenol		1.281	1.246	1.262	1.144	1.146	1.196	5.5
Benzaldehyde		1.131	1.111	1.049	0.857	0.836	0.966	15.2
Aniline		1.597	1.558	1.537	1.420	1.402	1.468	6.4
Phenol-d6		1.758	1.682	1.667	1.543	1.508	1.596	6.6
Phenol		1.847	1.799	1.773	1.629	1.606	1.683	7.3
bis(2-Chloroethyl)ether		1.312	1.285	1.259	1.154	1.169	1.206	6.7
2-Chlorophenol		1.365	1.322	1.301	1.180	1.170	1.239	7.1
1,2-Dichlorobenzene		1.467	1.422	1.391	1.265	1.216	1.309	8.8
1,3-Dichlorobenzene		1.551	1.499	1.465	1.344	1.324	1.402	7.2
1,4-Dichlorobenzene		1.537	1.496	1.490	1.352	1.326	1.404	7.1
Benzyl Alcohol		1.229	1.189	1.223	1.140	1.120	1.164	4.3
2-Methylphenol		1.082	1.064	1.050	0.975	0.964	1.012	5.0
2,2-oxybis(1-Chloropropane)		2.481	2.420	2.398	2.238	2.182	2.296	5.9
Acetophenone		0.531	0.503	0.504	0.459	0.447	0.476	7.5
3+4-Methylphenols		1.401	1.370	1.352	1.239	1.195	1.276	7.6
n-Nitroso-di-n-propylamine		0.998	0.987	0.952	0.880	0.863	0.919	6.3
Nitrobenzene-d5	0.371	0.401	0.387	0.403	0.377	0.374	0.384	3.2
Hexachloroethane		0.543	0.522	0.519	0.482	0.480	0.501	5.3
Nitrobenzene		0.416	0.425	0.425	0.397	0.393	0.408	3.4
Isophorone		0.680	0.670	0.684	0.641	0.630	0.657	3.2
2-Nitrophenol		0.137	0.148	0.166	0.164	0.165	0.160	7.8
2,4-Dimethylphenol		0.235	0.232	0.237	0.226	0.222	0.229	2.8
bis(2-Chloroethoxy)methane		0.410	0.410	0.411	0.378	0.373	0.392	4.6
2,4-Dichlorophenol		0.279	0.276	0.290	0.270	0.266	0.274	3.3
1,2,4-Trichlorobenzene		0.334	0.325	0.324	0.304	0.299	0.313	5.1
Benzoic acid			0.161	0.198	0.204	0.218	0.208	13.4
Naphthalene		1.117	1.065	1.068	0.982	0.954	1.013	6.9
4-Chloroaniline		0.380	0.364	0.364	0.335	0.332	0.351	5.4
Hexachlorobutadiene		0.214	0.205	0.208	0.190	0.189	0.198	5.7
Caprolactam		0.081	0.085	0.088	0.085	0.083	0.085	3.0
4-Chloro-3-methylphenol		0.309	0.299	0.313	0.295	0.284	0.298	3.5
2-Methylnaphthalene		0.708	0.665	0.670	0.609	0.592	0.634	7.5
Hexachlorocyclopentadiene		0.153	0.174	0.190	0.192	0.186	0.182	7.7
2,4,6-Trichlorophenol		0.381	0.362	0.380	0.374	0.356	0.370	2.5

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.: BF090424 SAS No.: BF090424 SDG No.: BF090424
Instrument ID: _____ Calibration Date(s): 9/4/2024 1: _____
Calibration Time(s): 11:39 _____

LAB FILE ID:		RRF2.5 = BF139234.D		RRF005 = BF139235.D		RRF010 = BF139236.D		
		RRF020 = BF139237.D		RRF040 = BF139238.D		RRF050 = BF139239.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.434	1.406	1.214	1.183	1.296	11.6
2,4,5-Trichlorophenol		0.389	0.398	0.417	0.379	0.377	0.388	4.4
1,1-Biphenyl		1.645	1.577	1.576	1.423	1.393	1.482	7.8
2-Chloronaphthalene		1.236	1.171	1.194	1.068	1.053	1.119	7.2
2-Nitroaniline		0.351	0.374	0.400	0.386	0.387	0.385	4.7
Dimethylphthalate		1.311	1.264	1.282	1.163	1.142	1.212	5.9
Acenaphthylene		1.851	1.774	1.797	1.623	1.585	1.685	7.1
2,6-Dinitrotoluene		0.268	0.271	0.289	0.277	0.269	0.275	2.7
3-Nitroaniline		0.290	0.291	0.310	0.292	0.287	0.293	2.8
Acenaphthene		1.184	1.153	1.177	1.087	1.074	1.118	4.7
2,4-Dinitrophenol			0.070	0.099	0.121	0.128	0.118	24.4
4-Nitrophenol		0.187	0.204	0.231	0.225	0.219	0.216	7.4
Dibenzofuran		1.779	1.687	1.719	1.537	1.508	1.603	7.8
2,4-Dinitrotoluene		0.308	0.344	0.371	0.360	0.353	0.350	5.9
Diethylphthalate		1.270	1.222	1.262	1.163	1.137	1.193	4.9
4-Chlorophenyl-phenylether		0.669	0.643	0.645	0.580	0.556	0.599	8.8
Fluorene		1.419	1.336	1.317	1.192	1.148	1.242	9.2
4-Nitroaniline		0.261	0.282	0.300	0.283	0.277	0.279	4.7
4,6-Dinitro-2-methylphenol			0.065	0.087	0.096	0.097	0.092	16.4
n-Nitrosodiphenylamine		0.621	0.605	0.612	0.557	0.550	0.582	5.1
Azobenzene		1.378	1.290	1.332	1.213	1.181	1.257	6.3
2,4,6-Tribromophenol		0.176	0.176	0.184	0.169	0.167	0.173	4.1
4-Bromophenyl-phenylether		0.201	0.201	0.202	0.189	0.182	0.194	4.2
Hexachlorobenzene		0.240	0.230	0.232	0.213	0.210	0.222	5.3
Atrazine		0.158	0.154	0.142	0.125	0.093	0.134	19.8
Pentachlorophenol		0.102	0.118	0.136	0.136	0.133	0.128	10.5
Phenanthrene		1.042	0.991	0.996	0.889	0.871	0.934	7.9
Anthracene		0.991	0.972	0.972	0.887	0.853	0.913	7.0
Carbazole		0.932	0.912	0.937	0.826	0.796	0.853	8.6
Di-n-butylphthalate		0.877	0.904	0.947	0.883	0.841	0.873	5.1
Fluoranthene		1.054	1.046	1.049	0.901	0.851	0.937	11.8
Benzidine		0.389	0.420	0.405	0.435	0.383	0.403	4.6
Pyrene		2.084	2.067	2.172	1.941	1.825	1.932	9.9
Terphenyl-d14		1.403	1.388	1.398	1.227	1.138	1.239	13.0
Butylbenzylphthalate		0.347	0.421	0.473	0.486	0.471	0.455	11.7
3,3-Dichlorobenzidine		0.282	0.300	0.340	0.347	0.351	0.339	10.7

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.: BF090424 SAS No.: BF090424 SDG No.: BF090424
Instrument ID: _____ Calibration Date(s): 9/4/2024 1: _____
Calibration Time(s): 11:39 _____

LAB FILE ID:		RRF2.5 = BF139234.D			RRF005 = BF139235.D		RRF010 = BF139236.D	
		RRF020 = BF139237.D			RRF040 = BF139238.D		RRF050 = BF139239.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.351	1.321	1.324	1.220	1.238	1.277	4.5
Chrysene		1.246	1.228	1.252	1.194	1.100	1.192	4.6
Bis(2-ethylhexyl)phthalate		0.392	0.442	0.512	0.578	0.565	0.534	16.8
Di-n-octyl phthalate			0.709	0.891	1.071	1.087	1.022	18.4
Benzo(b)fluoranthene		1.153	1.118	1.274	1.145	1.073	1.152	5.9
Benzo(k)fluoranthene		1.085	1.102	1.010	1.021	1.043	1.033	4.5
Benzo(a)pyrene		0.954	0.944	1.020	0.984	0.965	0.978	2.9
Indeno(1,2,3-cd)pyrene		1.196	1.251	1.284	1.257	1.244	1.249	2.4
Dibenzo(a,h)anthracene		0.979	1.028	1.078	1.047	1.021	1.030	3.1
Benzo(g,h,i)perylene		1.062	1.037	1.115	1.063	1.051	1.063	2.6
1,2,4,5-Tetrachlorobenzene		0.623	0.605	0.600	0.539	0.529	0.566	7.5
1,4-Dioxane		0.598	0.557	0.577	0.544	0.536	0.557	4.3
2,3,4,6-Tetrachlorophenol		0.312	0.316	0.322	0.300	0.296	0.305	3.9
1-Methylnaphthalene		0.688	0.669	0.654	0.602	0.585	0.623	7.5

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.: BF090624 SAS No.: BF090624 SDG NO.: BF090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 09:32

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	130545	6.893	471691	8.18	256219	9.93
UPPER LIMIT	261090	7.393	943382	8.675	512438	10.428
LOWER LIMIT	65272.5	6.393	235845.5	7.675	128109.5	9.428
EPA SAMPLE NO.						
01 PB163138BL	156999	6.89	593248	8.17	330690	9.92
02 PB163139BL	163587	6.89	609350	8.17	331699	9.92
03 MDL-SOIL-03-QT2-2024	125291	6.89	457991	8.17	249510	9.92
04 MDL-SOIL-03-QT2-2024	113951	6.89	414779	8.17	223419	9.93
05 MDL-WATER-03-QT2-2024	117966	6.89	440766	8.17	237195	9.92
06 MDL-WATER-03-QT2-2024	114838	6.89	418171	8.17	221758	9.93
07 VNJ223	111883	6.89	411632	8.17	218311	9.92
08 ETGI356	99421	6.89	327157	8.17	148854	9.93
09 DN-B-37	113163	6.89	409795	8.17	202561	9.92
10 ETGI356DL	94466	6.89	309111	8.17	146363	9.93

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.: BF090624 SAS No.: BF090624 SDG NO.: BF090624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BF139267.D Time Analyzed: 09:32

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	124801	6.887	458071	8.18	252229	9.93
UPPER LIMIT	249602	7.387	916142	8.675	504458	10.428
LOWER LIMIT	62400.5	6.387	229035.5	7.675	126114.5	9.428
EPA SAMPLE NO.						
01 PB163138BL	156999	6.89	593248	8.17	330690	9.92
02 PB163139BL	163587	6.89	609350	8.17	331699	9.92
03 MDL-SOIL-03-QT2-2024	125291	6.89	457991	8.17	249510	9.92
04 MDL-SOIL-03-QT2-2024	113951	6.89	414779	8.17	223419	9.93
05 MDL-WATER-03-QT2-2024	117966	6.89	440766	8.17	237195	9.92
06 MDL-WATER-03-QT2-2024	114838	6.89	418171	8.17	221758	9.93
07 VNJ223	111883	6.89	411632	8.17	218311	9.92
08 ETGI356	99421	6.89	327157	8.17	148854	9.93
09 DN-B-37	113163	6.89	409795	8.17	202561	9.92
10 ETGI356DL	94466	6.89	309111	8.17	146363	9.93

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.: BF090624 SAS No.: BF090624 SDG NO.: BF090624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 09:32

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	463513	11.416	215446	14.051	225523	15.527
UPPER LIMIT	927026	11.916	430892	14.551	451046	16.027
LOWER LIMIT	231756.5	10.916	107723	13.551	112761.5	15.027
EPA SAMPLE NO.						
01 PB163138BL	607286	11.41	304698	14.05	266856	15.53
02 PB163139BL	608322	11.41	296509	14.05	264558	15.53
03 MDL-SOIL-03-QT2-2024	447311	11.41	214179	14.05	206705	15.52
04 MDL-SOIL-03-QT2-2024	402342	11.41	201793	14.05	189914	15.52
05 MDL-WATER-03-QT2-2024	422039	11.41	212077	14.05	202708	15.52
06 MDL-WATER-03-QT2-2024	405003	11.41	203603	14.05	189537	15.52
07 VNJ223	339524	11.41	195078	14.05	219591	15.53
08 ETGI356	225859 *	11.43	114828	14.10	106765 *	15.58
09 DN-B-37	311593	11.41	179914	14.05	129912	15.53
10 ETGI356DL	248493	11.42	127196	14.09	119183	15.56

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.: BF090624 SAS No.: BF090624 SDG NO.: BF090624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BF139267.D Time Analyzed: 09:32

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	466942	11.416	228358	14.051	228557	15.527
	UPPER LIMIT	933884	11.916	456716	14.551	457114	16.027
	LOWER LIMIT	233471	10.916	114179	13.551	114278.5	15.027
	EPA SAMPLE NO.						
01	PB163138BL	607286	11.41	304698	14.05	266856	15.53
02	PB163139BL	608322	11.41	296509	14.05	264558	15.53
03	MDL-SOIL-03-QT2-2024	447311	11.41	214179	14.05	206705	15.52
04	MDL-SOIL-03-QT2-2024	402342	11.41	201793	14.05	189914	15.52
05	MDL-WATER-03-QT2-2024	422039	11.41	212077	14.05	202708	15.52
06	MDL-WATER-03-QT2-2024	405003	11.41	203603	14.05	189537	15.52
07	VNJ223	339524	11.41	195078	14.05	219591	15.53
08	ETGI356	225859 *	11.43	114828	14.10	106765 *	15.58
09	DN-B-37	311593	11.41	179914	14.05	129912	15.53
10	ETGI356DL	248493	11.42	127196	14.09	119183	15.56

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.

PB163138BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF090624

SAS No.: BF090624 SDG NO.: BF090624

Lab File ID: BF139268.D

Lab Sample ID: PB163138BL

Instrument ID: BNA_F

Date Extracted: 09/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 09:32

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-QT2-2024	P2403-03	BF139270.D	09/06/2024
MDL-SOIL-03-QT2-2024	P2403-03	BF139271.D	09/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163139BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF090624

SAS No.: BF090624 SDG NO.: BF090624

Lab File ID: BF139269.D

Lab Sample ID: PB163139BL

Instrument ID: BNA_F

Date Extracted: 09/04/2024

Matrix: (soil/water) Water

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 10:01

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-QT2-2024	P2403-09	BF139272.D	09/06/2024
MDL-WATER-03-QT2-2024	P2403-09	BF139273.D	09/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ223

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF090624

SAS No.: BF090624 SDG NO.: BF090624

Lab File ID: BF139274.D

Lab Sample ID: P3852-02

Instrument ID: BNA_F

Date Extracted: 09/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 13:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ223	P3852-02	BF139274.D	09/06/2024
ETGI356	P3852-04	BF139275.D	09/06/2024
DN-B-37	P3861-01	BF139276.D	09/06/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF090624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-03	MDL-SOIL-03-QT	BF139270.D	2-Fluorophenol	150	114.62	76		18	112
		BF139271.D	2-Fluorophenol	150	131.38	88		18	112
			Phenol-d6	150	130.52	87		15	107
		BF139270.D	Phenol-d6	150	114.61	76		15	107
			Nitrobenzene-d5	100	82.49	82		18	107
		BF139271.D	Nitrobenzene-d5	100	96.55	97		18	107
		BF139270.D	2-Fluorobiphenyl	100	79.49	79		20	109
		BF139271.D	2-Fluorobiphenyl	100	93.32	93		20	109
			2,4,6-Tribromophenol	150	133.36	89		10	116
		BF139270.D	2,4,6-Tribromophenol	150	114.67	76		10	116
			Terphenyl-d14	100	77.84	78		10	105
		BF139271.D	Terphenyl-d14	100	88.37	88		10	105
		BF139268.D	2-Fluorophenol	150	117.98	79		18	112
			Phenol-d6	150	117.70	78		15	107
			Nitrobenzene-d5	100	82.81	83		18	107
			2-Fluorobiphenyl	100	78.17	78		20	109
			2,4,6-Tribromophenol	150	113.85	76		10	116
			Terphenyl-d14	100	87.23	87		10	105
PB163138BL	PB163138BL								

Surrogate Summary

SW-846

SDG No.: **BF090624**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-09	MDL-WATER-03-	CBF139272.D	2-Fluorophenol	150	116.19	77		10	139
		BF139273.D	2-Fluorophenol	150	128.06	85		10	139
		BF139272.D	Phenol-d6	150	115.63	77		10	134
		BF139273.D	Phenol-d6	150	128.58	86		10	134
		BF139272.D	Nitrobenzene-d5	100	82.21	82		49	133
		BF139273.D	Nitrobenzene-d5	100	95.34	95		49	133
			2-Fluorobiphenyl	100	92.77	93		52	132
		BF139272.D	2-Fluorobiphenyl	100	81.20	81		52	132
			2,4,6-Tribromophenol	150	117.52	78		44	137
		BF139273.D	2,4,6-Tribromophenol	150	134.63	90		44	137
		BF139272.D	Terphenyl-d14	100	76.03	76		48	125
		BF139273.D	Terphenyl-d14	100	87.91	88		48	125
PB163139BL	PB163139BL	BF139269.D	2-Fluorophenol	150	116.35	78		10	139
			Phenol-d6	150	114.10	76		10	134
			Nitrobenzene-d5	100	81.06	81		49	133
			2-Fluorobiphenyl	100	78.45	78		52	132
			2,4,6-Tribromophenol	150	113.34	76		44	137
			Terphenyl-d14	100	87.96	88		48	125

Surrogate Summary

SW-846

SDG No.: **BF090624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3852-02	VNJ223	BF139274.D	2-Fluorophenol	150	18.76	13	*	18	112
			Phenol-d6	150	18.93	13	*	15	107
			Nitrobenzene-d5	100	13.36	13	*	18	107
			2-Fluorobiphenyl	100	15.11	15	*	20	109
			2,4,6-Tribromophenol	150	18.96	13		10	116
			Terphenyl-d14	100	11.98	12		10	105
P3852-04	ETGI356	BF139275.D	2-Fluorophenol	150	69.96	47		18	112
			Phenol-d6	150	66.48	44		15	107
			Nitrobenzene-d5	100	50.66	51		18	107
			2-Fluorobiphenyl	100	51.85	52		20	109
			2,4,6-Tribromophenol	150	70.11	47		10	116
			Terphenyl-d14	100	53.00	53		10	105
P3852-04DL	ETGI356DL	BF139277.D	2-Fluorophenol	150	69.29	46		18	112
			Phenol-d6	150	64.25	43		15	107
			Nitrobenzene-d5	100	48.00	48		18	107
			2-Fluorobiphenyl	100	51.61	52		20	109
			2,4,6-Tribromophenol	150	72.07	48		10	116
			Terphenyl-d14	100	52.01	52		10	105
P3861-01	DN-B-37	BF139276.D	2-Fluorophenol	150	82.12	55		18	112
			Phenol-d6	150	84.17	56		15	107
			Nitrobenzene-d5	100	61.38	61		18	107
			2-Fluorobiphenyl	100	68.26	68		20	109
			2,4,6-Tribromophenol	150	86.06	57		10	116
			Terphenyl-d14	100	64.13	64		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF090624

Lab Code: CHEM

SAS No.: BF090624

SDG NO.: BF090624

Lab File ID: BF139266.D

DFTPP Injection Date: 09/06/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	51
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	41.5
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.9
443	15.0 - 24.0% of mass 442	15 (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	BF139267.D	09/06/2024	09:03
PB163138BL	PB163138BL	BF139268.D	09/06/2024	09:32
PB163139BL	PB163139BL	BF139269.D	09/06/2024	10:01
MDL-SOIL-03-QT2-2024	P2403-03	BF139270.D	09/06/2024	10:32
MDL-SOIL-03-QT2-2024	P2403-03	BF139271.D	09/06/2024	11:01
MDL-WATER-03-QT2-2024	P2403-09	BF139272.D	09/06/2024	11:31
MDL-WATER-03-QT2-2024	P2403-09	BF139273.D	09/06/2024	12:00
VNJ223	P3852-02	BF139274.D	09/06/2024	13:33
ETGI356	P3852-04	BF139275.D	09/06/2024	14:02
DN-B-37	P3861-01	BF139276.D	09/06/2024	14:32
ETGI356DL	P3852-04DL	BF139277.D	09/06/2024	15:01
SSTDCCC040EC	SSTDCCC040	BF139278.D	09/06/2024	15:48