

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081924 SAS No.: BF081924 SDG No.: BF081924

Instrument ID: BNA_F Calibration Date/Time: 8/19/2024 1:09:41

Lab File ID: BF139065.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	0.818	0.967		18.215	
Pyridine	1.374	1.306		-4.949	
2-Fluorophenol	1.296	1.304		0.617	
Benzaldehyde	1.043	1.044		0.096	
Aniline	1.551	1.554		0.193	
Phenol-d6	1.740	1.767		1.552	
Phenol	1.832	1.836		0.273	20.0
bis(2-Chloroethyl) ether	1.409	1.362		-3.336	
2-Chlorophenol	1.363	1.403		2.935	
1,2-Dichlorobenzene	1.439	1.477		2.641	
1,3-Dichlorobenzene	1.526	1.547		1.376	
1,4-Dichlorobenzene	1.540	1.560		1.299	20.0
Benzyl Alcohol	1.254	1.352		7.815	
2-Methylphenol	1.126	1.133		0.622	
2,2-oxybis(1-Chloropropane)	2.426	2.326		-4.122	
Acetophenone	0.490	0.520		6.122	
3+4-Methylphenols	1.444	1.553		7.548	
n-Nitroso-di-n-propylamine	1.051	1.126	0.050	7.136	
Nitrobenzene-d5	0.409	0.429		4.89	
Hexachloroethane	0.580	0.601		3.621	
Nitrobenzene	0.416	0.423		1.683	
Isophorone	0.699	0.712		1.86	
2-Nitrophenol	0.179	0.186		3.911	20.0
2,4-Dimethylphenol	0.214	0.212		-0.935	
bis(2-Chloroethoxy) methane	0.425	0.417		-1.882	
2,4-Dichlorophenol	0.275	0.284		3.273	20.0
1,2,4-Trichlorobenzene	0.318	0.320		0.629	
Benzoic acid	0.168	0.157		-6.548	
Naphthalene	1.053	1.055		0.19	
4-Chloroaniline	0.353	0.347		-1.7	
Hexachlorobutadiene	0.192	0.206		7.292	20.0
Caprolactam	0.082	0.086		4.878	
4-Chloro-3-methylphenol	0.315	0.333		5.714	20.0
2-Methylnaphthalene	0.665	0.681		2.406	
Hexachlorocyclopentadiene	0.120	0.117	0.050	-2.5	
2,4,6-Trichlorophenol	0.339	0.331		-2.36	20.0
2-Fluorobiphenyl	1.331	1.396		4.884	
2,4,5-Trichlorophenol	0.370	0.370		0.0	
1,1-Biphenyl	1.566	1.566		0.0	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.159		-0.515	
2-Nitroaniline	0.395	0.414		4.81	
Dimethylphthalate	1.279	1.333		4.222	
Acenaphthylene	1.652	1.626		-1.574	
2,6-Dinitrotoluene	0.289	0.304		5.19	
3-Nitroaniline	0.298	0.294		-1.342	
Acenaphthene	1.111	1.088		-2.07	20.0
2,4-Dinitrophenol	0.133	0.127	0.050	-4.511	
4-Nitrophenol	0.179	0.163	0.050	-8.939	
Dibenzofuran	1.568	1.595		1.722	
2,4-Dinitrotoluene	0.368	0.394		7.065	
Diethylphthalate	1.213	1.333		9.893	
4-Chlorophenyl-phenylether	0.614	0.640		4.235	
Fluorene	1.249	1.305		4.484	
4-Nitroaniline	0.284	0.278		-2.113	
4,6-Dinitro-2-methylphenol	0.122	0.115		-5.738	
n-Nitrosodiphenylamine	0.625	0.635		1.6	20.0
Azobenzene	1.345	1.387		3.123	
2,4,6-Tribromophenol	0.164	0.163		-0.61	
4-Bromophenyl-phenylether	0.217	0.218		0.461	
Hexachlorobenzene	0.224	0.224		0.0	
Atrazine	0.161	0.128		-20.497	
Pentachlorophenol	0.101	0.081		-19.802	20.0
Phenanthrene	1.030	1.014		-1.553	
Anthracene	1.015	1.004		-1.084	
Carbazole	0.875	0.852		-2.629	
Di-n-butylphthalate	0.984	1.108		12.602	
Fluoranthene	0.961	0.926		-3.642	20.0
Benzidine	0.478	0.440		-7.95	
Pyrene	1.883	1.938		2.921	
Terphenyl-d14	1.195	1.289		7.866	
Butylbenzylphthalate	0.603	0.660		9.453	
3,3-Dichlorobenzidine	0.352	0.366		3.977	
Benzo(a)anthracene	1.377	1.370		-0.508	
Chrysene	1.243	1.267		1.931	
Bis(2-ethylhexyl)phthalate	0.883	0.869		-1.586	
Di-n-octyl phthalate	1.634	1.481		-9.364	20.0
Benzo(b)fluoranthene	1.240	1.223		-1.371	
Benzo(k)fluoranthene	1.073	1.061		-1.118	

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Instrument ID: BNA_F Calibration Date/Time: 8/19/2024 1:09:41

Lab File ID: BF139065.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.042		-0.096	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.282		-10.537	
Dibenzo(a,h)anthracene	1.177	1.057		-10.195	
Benzo(g,h,i)perylene	1.221	1.055		-13.595	
1,2,4,5-Tetrachlorobenzene	0.556	0.571		2.698	
1,4-Dioxane	0.567	0.524		-7.584	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.261		-7.774	
1-Methylnaphthalene	0.652	0.675		3.528	

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.: BF081924 SAS No.: BF081924 SDG No.: BF081924
Instrument ID: BNA_F Calibration Date/Time: 8/19/2024 1:16:18
Lab File ID: BF139076.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	0.818	0.952		16.381	50.0
Pyridine	1.374	1.297		-5.604	50.0
2-Fluorophenol	1.296	1.281		-1.157	50.0
Benzaldehyde	1.043	1.129		8.245	50.0
Aniline	1.551	1.513		-2.45	50.0
Phenol-d6	1.740	1.767		1.552	50.0
Phenol	1.832	1.805		-1.42	50.0
bis(2-Chloroethyl)ether	1.409	1.350		-4.187	50.0
2-Chlorophenol	1.363	1.393		2.201	50.0
1,2-Dichlorobenzene	1.439	1.474		2.432	50.0
1,3-Dichlorobenzene	1.526	1.533		0.459	50.0
1,4-Dichlorobenzene	1.540	1.568		1.818	50.0
Benzyl Alcohol	1.254	1.319		5.183	50.0
2-Methylphenol	1.126	1.147		1.865	50.0
2,2-oxybis(1-Chloropropane)	2.426	2.325		-4.163	50.0
Acetophenone	0.490	0.518		5.714	50.0
3+4-Methylphenols	1.444	1.522		5.402	50.0
n-Nitroso-di-n-propylamine	1.051	1.134	0.050	7.897	50.0
Nitrobenzene-d5	0.409	0.426		4.156	50.0
Hexachloroethane	0.580	0.619		6.724	50.0
Nitrobenzene	0.416	0.415		-0.24	50.0
Isophorone	0.699	0.702		0.429	50.0
2-Nitrophenol	0.179	0.182		1.676	50.0
2,4-Dimethylphenol	0.214	0.208		-2.804	50.0
bis(2-Chloroethoxy)methane	0.425	0.419		-1.412	50.0
2,4-Dichlorophenol	0.275	0.278		1.091	50.0
1,2,4-Trichlorobenzene	0.318	0.319		0.314	50.0
Benzoic acid	0.168	0.144		-14.286	50.0
Naphthalene	1.053	1.045		-0.76	50.0
4-Chloroaniline	0.353	0.348		-1.416	50.0
Hexachlorobutadiene	0.192	0.205		6.771	50.0
Caprolactam	0.082	0.087		6.098	50.0
4-Chloro-3-methylphenol	0.315	0.328		4.127	50.0
2-Methylnaphthalene	0.665	0.683		2.707	50.0
Hexachlorocyclopentadiene	0.120	0.114	0.050	-5.0	50.0
2,4,6-Trichlorophenol	0.339	0.326		-3.835	50.0
2-Fluorobiphenyl	1.331	1.381		3.757	50.0
2,4,5-Trichlorophenol	0.370	0.371		0.27	50.0
1,1-Biphenyl	1.566	1.587		1.341	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.174		0.773	50.0
2-Nitroaniline	0.395	0.420		6.329	50.0
Dimethylphthalate	1.279	1.357		6.099	50.0
Acenaphthylene	1.652	1.631		-1.271	50.0
2,6-Dinitrotoluene	0.289	0.309		6.92	50.0
3-Nitroaniline	0.298	0.285		-4.362	50.0
Acenaphthene	1.111	1.117		0.54	50.0
2,4-Dinitrophenol	0.133	0.124	0.050	-6.767	50.0
4-Nitrophenol	0.179	0.156	0.050	-12.849	50.0
Dibenzofuran	1.568	1.576		0.51	50.0
2,4-Dinitrotoluene	0.368	0.401		8.967	50.0
Diethylphthalate	1.213	1.364		12.448	50.0
4-Chlorophenyl-phenylether	0.614	0.646		5.212	50.0
Fluorene	1.249	1.307		4.644	50.0
4-Nitroaniline	0.284	0.276		-2.817	50.0
4,6-Dinitro-2-methylphenol	0.122	0.114		-6.557	50.0
n-Nitrosodiphenylamine	0.625	0.630		0.8	50.0
Azobenzene	1.345	1.398		3.941	50.0
2,4,6-Tribromophenol	0.164	0.159		-3.049	50.0
4-Bromophenyl-phenylether	0.217	0.218		0.461	50.0
Hexachlorobenzene	0.224	0.222		-0.893	50.0
Atrazine	0.161	0.128		-20.497	50.0
Pentachlorophenol	0.101	0.077		-23.762	50.0
Phenanthrene	1.030	1.025		-0.485	50.0
Anthracene	1.015	1.021		0.591	50.0
Carbazole	0.875	0.847		-3.2	50.0
Di-n-butylphthalate	0.984	1.137		15.549	50.0
Fluoranthene	0.961	0.928		-3.434	50.0
Benzidine	0.478	0.505		5.649	50.0
Pyrene	1.883	1.957		3.93	50.0
Terphenyl-d14	1.195	1.293		8.201	50.0
Butylbenzylphthalate	0.603	0.693		14.925	50.0
3,3-Dichlorobenzidine	0.352	0.387		9.943	50.0
Benzo(a)anthracene	1.377	1.375		-0.145	50.0
Chrysene	1.243	1.254		0.885	50.0
Bis(2-ethylhexyl)phthalate	0.883	0.892		1.019	50.0
Di-n-octyl phthalate	1.634	1.482		-9.302	50.0
Benzo(b)fluoranthene	1.240	1.152		-7.097	50.0
Benzo(k)fluoranthene	1.073	0.979		-8.76	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.053		0.959	50.0
Indeno(1,2,3-cd)pyrene	1.433	1.158		-19.191	50.0
Dibenzo(a,h)anthracene	1.177	0.959		-18.522	50.0
Benzo(g,h,i)perylene	1.221	0.924		-24.324	50.0
1,2,4,5-Tetrachlorobenzene	0.556	0.569		2.338	50.0
1,4-Dioxane	0.567	0.518		-8.642	50.0
2,3,4,6-Tetrachlorophenol	0.283	0.289		2.12	50.0
1-Methylnaphthalene	0.652	0.670		2.761	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BF081924
Lab Sample ID:	PB162549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139066.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

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

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BF081924
Lab Sample ID:	PB162549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139066.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

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

Report of Analysis

Client:				Date Collected:	8/7/2024 12:00:00 AM		
Project:				Date Received:	8/7/2024 12:00:00 AM		
Client Sample ID:	PB162549BL			SDG No.:	BF081924		
Lab Sample ID:	PB162549BL			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	0		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139066.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.821		18-112		87	SPK: -150
13127-88-3	Phenol-d6	130.296		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	84.589		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	85.401		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BL	SDG No.:	BF081924
Lab Sample ID:	PB162549BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139066.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.877		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	112.634	*	10-105		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41449	6.834				
1146-65-2	Naphthalene-d8	179181	8.116				
15067-26-2	Acenaphthene-d10	102830	9.869				
1517-22-2	Phenanthrene-d10	193581	11.357				
1719-03-5	Chrysene-d12	96730	13.998				
1520-96-3	Perylene-d12	79121	15.468				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BF081924
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139067.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

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

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BF081924
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139067.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

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

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BF081924
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139067.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.729		10-139		92	SPK: -150
13127-88-3	Phenol-d6	136.403		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	90.808		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	91.084		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162553BL	SDG No.:	BF081924
Lab Sample ID:	PB162553BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139067.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.591		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	117.573		48-125		118	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37556	6.834				
1146-65-2	Naphthalene-d8	162310	8.116				
15067-26-2	Acenaphthene-d10	94128	9.869				
1517-22-2	Phenanthrene-d10	177727	11.357				
1719-03-5	Chrysene-d12	97901	14.004				
1520-96-3	Perylene-d12	83553	15.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.3	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	13.4	A			5.075	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139068.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	97.2	J	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	160	J	96.9	130	170	ug/Kg
108-95-2	Phenol	140	J	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	J	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	140	J	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	J	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	J	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	J	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	140	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	140	J	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	90.9	130	170	ug/Kg
98-86-2	Acetophenone	150	J	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	140	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	150		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	140	J	83	130	170	ug/Kg
98-95-3	Nitrobenzene	150	J	90.8	130	170	ug/Kg
78-59-1	Isophorone	150	J	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	120	J	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	110	J	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	J	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	J	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	J	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	140	J	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139068.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	130	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	140	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	140	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	2110	J	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	140	J	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	J	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	150	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	140	J	85.5	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	130	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	140	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	130	J	85	130	170	ug/Kg
1912-24-9	Atrazine	170		91.4	130	170	ug/Kg



Client:				Date Collected:	7/29/2024 12:00:00 AM	
Project:				Date Received:	7/29/2024 12:00:00 AM	
Client Sample ID:	MDL-SOIL-03-QT3-2024			SDG No.:	BF081924	
Lab Sample ID:	P3390-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139068.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

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	140	J	84	130	170	ug/Kg
120-12-7	Anthracene	140	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	130	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	140	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	130	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	130	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	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	140	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	133.312		18-112		89	SPK: -150
13127-88-3	Phenol-d6	133.909		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	89.61		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.578		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139068.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.059		10-116		91	SPK: -150
1718-51-0	Terphenyl-d14	99.003		10-105		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44641	6.834				
1146-65-2	Naphthalene-d8	189652	8.116				
15067-26-2	Acenaphthene-d10	109646	9.869				
1517-22-2	Phenanthrene-d10	199224	11.357				
1719-03-5	Chrysene-d12	107712	13.998				
1520-96-3	Perylene-d12	97675	15.469				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139069.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	210		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	310	J	180	270	330	ug/Kg
62-53-3	Aniline	330		96.9	130	170	ug/Kg
108-95-2	Phenol	270		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	280		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	280		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	260		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	280		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	260	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	270		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280		90.9	130	170	ug/Kg
98-86-2	Acetophenone	290		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	270	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	290		83	130	170	ug/Kg
98-95-3	Nitrobenzene	280		90.8	130	170	ug/Kg
78-59-1	Isophorone	280		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	270		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	240		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	270		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	260		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	290		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	280		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139069.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	280		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	270		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	260		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	280		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	290		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	290		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	270		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	260		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	270		81.1	130	170	ug/Kg
Total PAH	Total PAH	4190		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	280		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	280		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	300		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280		85.6	130	170	ug/Kg
86-73-7	Fluorene	290		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	240		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	250		81.6	130	170	ug/Kg
103-33-3	Azobenzene	290		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	240		85	130	170	ug/Kg
1912-24-9	Atrazine	350		91.4	130	170	ug/Kg



Client:			Date Collected:	7/29/2024 12:00:00 AM	
Project:			Date Received:	7/29/2024 12:00:00 AM	
Client Sample ID:	MDL-SOIL-03-QT3-2024		SDG No.:	BF081924	
Lab Sample ID:	P3390-03		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139069.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

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	280		84	130	170	ug/Kg
120-12-7	Anthracene	280		84.4	130	170	ug/Kg
86-74-8	Carbazole	250		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	300		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	260		81.7	130	170	ug/Kg
92-87-5	Benzidine	200	J	160	270	330	ug/Kg
129-00-0	Pyrene	260		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	300		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	270		80.7	130	170	ug/Kg
218-01-9	Chrysene	260		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	170	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	280		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	250		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	270		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.95		18-112		85	SPK: -150
13127-88-3	Phenol-d6	130.197		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	88.569		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.626		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139069.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.23		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	92.71		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46478	6.834				
1146-65-2	Naphthalene-d8	197295	8.116				
15067-26-2	Acenaphthene-d10	114373	9.869				
1517-22-2	Phenanthrene-d10	219070	11.357				
1719-03-5	Chrysene-d12	112625	13.998				
1520-96-3	Perylene-d12	95189	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139070.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4.4	J	1	8	10	ug/L
110-86-1	Pyridine	2.9	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4.9	J	4	8	10	ug/L
62-53-3	Aniline	4.8	J	1.6	4	5	ug/L
108-95-2	Phenol	4.1	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.2	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	3.9	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.8	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	4.1	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	4	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.2	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	4.3	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	4.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	4.4	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.3	J	1.3	4	5	ug/L
78-59-1	Isophorone	4.2	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.8	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.5	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.9	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.7	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	4.6	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	4.1	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139070.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.8	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.1	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	3.3	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.6	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.2	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	4	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	4	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.3	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	4	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	3.9	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	4.1	J	0.81	4	5	ug/L
Total PAH	Total PAH	64.2	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	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)	8	J	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	4	J	1.5	4	5	ug/L
84-66-2	Diethylphthalate	4.6	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.3	J	0.98	4	5	ug/L
86-73-7	Fluorene	4.4	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	3.4	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	J	0.89	4	5	ug/L
103-33-3	Azobenzene	4.4	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.8	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.8	J	1.1	4	5	ug/L
1912-24-9	Atrazine	5.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139070.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.1	J	0.89	4	5	ug/L
120-12-7	Anthracene	4	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	4.7	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.3	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4.2	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	4.9	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.2	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.1	J	0.94	4	5	ug/L
218-01-9	Chrysene	4	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.8	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.9	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.9	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4.3	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.2	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.2	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.1	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	3.6	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.7	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	4.1	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.366		10-139		86	SPK: -150
13127-88-3	Phenol-d6	130.989		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	90.369		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.933		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139070.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.261		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	100.17		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46349	6.834				
1146-65-2	Naphthalene-d8	191449	8.116				
15067-26-2	Acenaphthene-d10	111978	9.869				
1517-22-2	Phenanthrene-d10	201770	11.357				
1719-03-5	Chrysene-d12	107829	13.998				
1520-96-3	Perylene-d12	86303	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139071.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	9	J	1	8	10	ug/L
110-86-1	Pyridine	6.7		1.6	4	5	ug/L
100-52-7	Benzaldehyde	9.6	J	4	8	10	ug/L
62-53-3	Aniline	9.5		1.6	4	5	ug/L
108-95-2	Phenol	8.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	8.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	7.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.9	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	8.5		1.4	4	5	ug/L
98-86-2	Acetophenone	8.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	8.8	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.6		1	4	5	ug/L
98-95-3	Nitrobenzene	8.4		1.3	4	5	ug/L
78-59-1	Isophorone	8.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	7.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8		1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	8		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	8.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139071.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.1	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	8.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	7.3	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	8.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	8.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	8.2		0.81	4	5	ug/L
Total PAH	Total PAH	127.7		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	2.3	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	8.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	9.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.7		0.98	4	5	ug/L
86-73-7	Fluorene	8.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	6.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	5.3	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8		0.89	4	5	ug/L
103-33-3	Azobenzene	8.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	7.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	7.6		1.1	4	5	ug/L
1912-24-9	Atrazine	10.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139071.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.2		0.89	4	5	ug/L
120-12-7	Anthracene	8.2		1.1	4	5	ug/L
86-74-8	Carbazole	7.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	9.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	8.2		1.3	4	5	ug/L
92-87-5	Benzidine	6.8	J	4.1	8	10	ug/L
129-00-0	Pyrene	8.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	9.2		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	9	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.2		0.94	4	5	ug/L
218-01-9	Chrysene	7.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	5.7	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	6.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	7.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	131.102		10-139		87	SPK: -150
13127-88-3	Phenol-d6	132.665		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	88.371		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	89.421		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT3-2024	SDG No.:	BF081924
Lab Sample ID:	P3390-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139071.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.306		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	102.735		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47859	6.834				
1146-65-2	Naphthalene-d8	201624	8.116				
15067-26-2	Acenaphthene-d10	111926	9.869				
1517-22-2	Phenanthrene-d10	202258	11.357				
1719-03-5	Chrysene-d12	102276	13.998				
1520-96-3	Perylene-d12	88008	15.468				

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BL	SDG No.:	BF081924
Lab Sample ID:	PB162612BL	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
BF139072.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BL	SDG No.:	BF081924
Lab Sample ID:	PB162612BL	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
BF139072.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

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

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BL	SDG No.:	BF081924
Lab Sample ID:	PB162612BL	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
BF139072.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

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	122.803		10-139		82	SPK: -150
13127-88-3	Phenol-d6	121.981		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	83.697		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	82.544		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BL	SDG No.:	BF081924
Lab Sample ID:	PB162612BL	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
BF139072.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.958		44-137		81	SPK: -150
1718-51-0	Terphenyl-d14	104.832		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44651	6.834				
1146-65-2	Naphthalene-d8	183175	8.116				
15067-26-2	Acenaphthene-d10	106164	9.869				
1517-22-2	Phenanthrene-d10	194641	11.357				
1719-03-5	Chrysene-d12	108211	14.004				
1520-96-3	Perylene-d12	85541	15.469				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.7	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.3	A			5.075	
000630-07-9	Pentatriacontane	2.1	J			15.016	

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BS	SDG No.:	BF081924
Lab Sample ID:	PB162612BS	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
BF139073.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.1		1	8	10	ug/L
110-86-1	Pyridine	33.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	19.7		4	8	10	ug/L
62-53-3	Aniline	31.9		1.6	4	5	ug/L
108-95-2	Phenol	47.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.3		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.8		1.4	4	5	ug/L
98-86-2	Acetophenone	45		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	51.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.5		1	4	5	ug/L
98-95-3	Nitrobenzene	45		1.3	4	5	ug/L
78-59-1	Isophorone	47		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	28.8		5.5	8	10	ug/L
91-20-3	Naphthalene	44.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	27.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BS	SDG No.:	BF081924
Lab Sample ID:	PB162612BS	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
BF139073.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	80.5	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	41.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.7		0.81	4	5	ug/L
Total PAH	Total PAH	756.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	76.8		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	63.7		2	8	10	ug/L
132-64-9	Dibenzofuran	46.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	49.2		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.4		0.98	4	5	ug/L
86-73-7	Fluorene	47.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.9		0.89	4	5	ug/L
103-33-3	Azobenzene	47.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.1		1.1	4	5	ug/L
1912-24-9	Atrazine	52.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BS	SDG No.:	BF081924
Lab Sample ID:	PB162612BS	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
BF139073.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	58.2		1.9	8	10	ug/L
85-01-8	Phenanthrene	47.9		0.89	4	5	ug/L
120-12-7	Anthracene	49		1.1	4	5	ug/L
86-74-8	Carbazole	47.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	56.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.3		1.3	4	5	ug/L
92-87-5	Benzidine	8.7	J	4.1	8	10	ug/L
129-00-0	Pyrene	47		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	45.3		0.94	4	5	ug/L
218-01-9	Chrysene	48		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	39.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.082		10-139		91	SPK: -150
13127-88-3	Phenol-d6	133.097		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	88.479		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.322		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	PB162612BS	SDG No.:	BF081924
Lab Sample ID:	PB162612BS	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
BF139073.D	1	8/14/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.86		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	107.382		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50614	6.834				
1146-65-2	Naphthalene-d8	215610	8.122				
15067-26-2	Acenaphthene-d10	122758	9.875				
1517-22-2	Phenanthrene-d10	206328	11.363				
1719-03-5	Chrysene-d12	104018	14.004				
1520-96-3	Perylene-d12	95044	15.468				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BS	SDG No.:	BF081924
Lab Sample ID:	PB162549BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139074.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		86.7	270	330	ug/Kg
110-86-1	Pyridine	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	630		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1100		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	800		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BS	SDG No.:	BF081924
Lab Sample ID:	PB162549BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139074.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	25200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2100		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BS	SDG No.:	BF081924
Lab Sample ID:	PB162549BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139074.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1900		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	340		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.483		18-112		86	SPK: -150
13127-88-3	Phenol-d6	127.397		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	88.258		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.522		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	PB162549BS	SDG No.:	BF081924
Lab Sample ID:	PB162549BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139074.D	1	8/7/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.931		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	108.632	*	10-105		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53446	6.834				
1146-65-2	Naphthalene-d8	218483	8.122				
15067-26-2	Acenaphthene-d10	118610	9.875				
1517-22-2	Phenanthrene-d10	200989	11.363				
1719-03-5	Chrysene-d12	98614	14.004				
1520-96-3	Perylene-d12	91613	15.468				

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BS	SDG No.:	BF081924
Lab Sample ID:	PB162688BS	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
BF139075.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1800		86.8	270	330	ug/Kg
110-86-1	Pyridine	1000		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	620		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1100		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	760		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BS	SDG No.:	BF081924
Lab Sample ID:	PB162688BS	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
BF139075.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	25500		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2100		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1700		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1600		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BS	SDG No.:	BF081924
Lab Sample ID:	PB162688BS	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
BF139075.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000		77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1600		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1900		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	340		160	270	330	ug/Kg
129-00-0	Pyrene	1600		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.81		18-112		87	SPK: -150
13127-88-3	Phenol-d6	128.433		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	87.618		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.738		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	PB162688BS	SDG No.:	BF081924
Lab Sample ID:	PB162688BS	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
BF139075.D	1	8/13/2024 12:00:00 AM	8/19/2024 12:00:00 AM	PB162688

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.664		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	105.686	*	10-105		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53216	6.834				
1146-65-2	Naphthalene-d8	219351	8.116				
15067-26-2	Acenaphthene-d10	122326	9.869				
1517-22-2	Phenanthrene-d10	202208	11.357				
1719-03-5	Chrysene-d12	98718	14.004				
1520-96-3	Perylene-d12	90220	15.468				

Hit Summary Sheet SW-846

SDG No.: BF081924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT3-2024								
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,1-Biphenyl	140.000	J	87.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	86.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,2,4-Trichlorobenzene	130.000	J	85.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,2-Dichlorobenzene	150.000	J	84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,3-Dichlorobenzene	130.000	J	86	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,4-Dichlorobenzene	140.000	J	86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1,4-Dioxane	120.000	J	110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	1-Methylnaphthalene	140.000	J	83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,2-oxybis(1-Chloropropane)	150.000	J	90.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	74.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4,5-Trichlorophenol	110.000	J	74	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4,6-Trichlorophenol	110.000	J	71.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dichlorophenol	130.000	J	75.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dimethylphenol	110.000	J	93.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dinitrotoluene	130.000	J	86.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,6-Dinitrotoluene	140.000	J	83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Chloronaphthalene	130.000	J	83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Chlorophenol	140.000	J	83.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Methylnaphthalene	140.000	J	82.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Methylphenol	140.000	J	80.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Nitroaniline	130.000	J	95	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2-Nitrophenol	120.000	J	94.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	3+4-Methylphenols	140.000	J	79.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	3,3-Dichlorobenzidine	130.000	J	98.6	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	3-Nitroaniline	130.000	J	89.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Bromophenyl-phenylether	130.000	J	78.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Chloro-3-methylphenol	130.000	J	77.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Chloroaniline	150.000	J	82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Chlorophenyl-phenylether	150.000	J	85.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	4-Nitroaniline	110.000	J	110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthene	140.000	J	81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acenaphthylene	140.000	J	86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Acetophenone	150.000	J	86.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Aniline	160.000	J	96.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Anthracene	140.000	J	84.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Atrazine	170.000		91.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Azobenzene	140.000	J	79.6	170	ug/Kg

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SDG No.: BF081924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)anthracene	140.000	J	80.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)pyrene	140.000	J	93	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(b)fluoranthene	140.000	J	81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(g,h,i)perylene	110.000	J	80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(k)fluoranthene	120.000	J	82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzyl Alcohol	140.000	J	83	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethoxy)methane	130.000	J	85.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	bis(2-Chloroethyl)ether	140.000	J	83.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	91	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Butylbenzylphthalate	150.000	J	96.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Caprolactam	120.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Carbazole	130.000	J	80.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Chrysene	130.000	J	79.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Di-n-butylphthalate	150.000	J	84.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dibenzo(a,h)anthracene	110.000	J	81.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dibenzofuran	140.000	J	84.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Diethylphthalate	150.000	J	80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Dimethylphthalate	150.000	J	81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Fluoranthene	140.000	J	81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Fluorene	140.000	J	85.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobenzene	130.000	J	85	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachlorobutadiene	140.000	J	83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Hexachloroethane	140.000	J	83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	78.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Isophorone	150.000	J	84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitroso-di-n-propylamine	150.000		40.3	80	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodimethylamine	140.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	n-Nitrosodiphenylamine	130.000	J	81.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Naphthalene	140.000	J	82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Nitrobenzene	150.000	J	90.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Phenanthrene	140.000	J	84	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Phenol	140.000	J	82.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Pyrene	130.000	J	83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Pyridine	97.200	J	79.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	270.000	J	169.4	340	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Total PAH	2,110.000	J	1325.1	2720	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,1-Biphenyl	270.000		87.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,2,4,5-Tetrachlorobenzene	280.000		86.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,2,4-Trichlorobenzene	260.000		85.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,2-Dichlorobenzene	280.000		84.6	170	ug/Kg

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SDG No.: BF081924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,3-Dichlorobenzene	260.000		86	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,4-Dichlorobenzene	280.000		86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1,4-Dioxane	250.000		110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	1-Methylnaphthalene	270.000		83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,2-oxybis(1-Chloropropane)	280.000		90.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,3,4,6-Tetrachlorophenol	260.000		74.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4,5-Trichlorophenol	240.000		74	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4,6-Trichlorophenol	240.000		71.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dichlorophenol	270.000		75.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dimethylphenol	240.000		93.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,4-Dinitrotoluene	280.000		86.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2,6-Dinitrotoluene	270.000		83.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Chloronaphthalene	260.000		83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Chlorophenol	280.000		83.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Methylnaphthalene	280.000		82.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Methylphenol	270.000		80.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Nitroaniline	280.000		95	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	2-Nitrophenol	270.000		94.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	3+4-Methylphenols	270.000	J	79.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	3,3-Dichlorobenzidine	270.000	J	98.6	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	3-Nitroaniline	260.000		89.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4,6-Dinitro-2-methylphenol	170.000	J	120	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Bromophenyl-phenylether	250.000		78.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Chloro-3-methylphenol	270.000		77.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Chloroaniline	290.000		82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Chlorophenyl-phenylether	280.000		85.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	4-Nitroaniline	240.000		110	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Acenaphthene	270.000		81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Acenaphthylene	290.000		86.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Acetophenone	290.000		86.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Aniline	330.000		96.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Anthracene	280.000		84.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Atrazine	350.000		91.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Azobenzene	290.000		79.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzaldehyde	310.000	J	180	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzidine	200.000	J	160	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)anthracene	270.000		80.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(a)pyrene	280.000		93	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(b)fluoranthene	270.000		81.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-202	Solid	Benzo(g,h,i)perylene	200.000		80.1	170	ug/Kg

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SDG No.: BF081924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzo(k)fluoranthene	280.000		82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Benzyl Alcohol	260.000	J	83	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	bis(2-Chloroethoxy)methane	260.000		85.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	bis(2-Chloroethyl)ether	260.000		83.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Bis(2-ethylhexyl)phthalate	240.000		91	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Butylbenzylphthalate	300.000		96.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Caprolactam	280.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Carbazole	250.000		80.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Chrysene	260.000		79.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Di-n-butylphthalate	300.000		84.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Di-n-octyl phthalate	170.000	J	110	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Dibenzo(a,h)anthracene	220.000		81.2	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Dibenzofuran	280.000		84.4	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Diethylphthalate	300.000		80.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Dimethylphthalate	290.000		81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Fluoranthene	260.000		81.7	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Fluorene	290.000		85.5	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorobenzene	240.000		85	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorobutadiene	280.000		83.3	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachlorocyclopentadiene	240.000	J	160	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Hexachloroethane	290.000		83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Indeno(1,2,3-cd)pyrene	220.000		78.1	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Isophorone	280.000		84.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	n-Nitroso-di-n-propylamine	280.000		40.3	80	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	n-Nitrosodimethylamine	270.000	J	86.8	330	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	n-Nitrosodiphenylamine	250.000		81.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Naphthalene	260.000		82.6	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Nitrobenzene	280.000		90.8	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Phenanthrene	280.000		84	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Phenol	270.000		82.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pyrene	260.000		83	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Pyridine	210.000		79.9	170	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	550.000		169.4	340	ug/Kg
P3390-03	MDL-SOIL-03-QT3-2024	Solid	Total PAH	4,190.000		1325.1	2720	ug/Kg
Total Svoc :				36,897.20				
Total Concentration:				36,897.20				

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

P3390-09	MDL-WATER-03-QT3-2024	Water	1,1-Biphenyl	4.200	J	0.91	5	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	1,2,4,5-Tetrachlorobenzene	4.100	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2024	Water	1,2,4-Trichlorobenzene	4.000	J	1.1	5	ug/L

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SDG No.: BF081924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2-Dichlorobenzene	4.200	J	0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,3-Dichlorobenzene	3.900	J	0.8	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dichlorobenzene	3.800	J	0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dioxane	3.600	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1-Methylnaphthalene	4.100	J	0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,2-oxybis(1-Chloropropane)	4.200	J	1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,3,4,6-Tetrachlorophenol	3.700	J	0.79	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4,5-Trichlorophenol	3.600	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4,6-Trichlorophenol	3.300	J	0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dichlorophenol	3.700	J	0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dimethylphenol	3.500	J	1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene	4.000	J	1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,6-Dinitrotoluene	4.000	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Chloronaphthalene	4.000	J	0.97	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Chlorophenol	4.300	J	0.71	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylnaphthalene	4.100	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylphenol	4.000	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Nitroaniline	4.000	J	1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Nitrophenol	3.800	J	2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3+4-Methylphenols	4.300	J	1.2	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3,3-Dichlorobenzidine	4.200	J	1.3	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3-Nitroaniline	3.900	J	1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Bromophenyl-phenylether	3.800	J	0.95	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chloro-3-methylphenol	4.100	J	0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chloroaniline	4.600	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chlorophenyl-phenylether	4.300	J	0.98	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Nitroaniline	3.400	J	2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthene	4.100	J	0.81	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	4.400	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acetophenone	4.300	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Aniline	4.800	J	1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Anthracene	4.000	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Atrazine	5.400		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Azobenzene	4.400	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzaldehyde	4.900	J	4	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	4.100	J	0.94	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	4.300	J	1.7	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	3.900	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	3.000	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	4.900	J	1.2	5	ug/L

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SDG No.: BF081924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzyl Alcohol	4.100	J	1.6	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethoxy)methane	3.900	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	4.200	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Bis(2-ethylhexyl)phthalate	4.000	J	1.9	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Butylbenzylphthalate	4.900	J	2.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Caprolactam	3.800	J	1.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Carbazole	4.000	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Chrysene	4.000	J	0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-butylphthalate	4.700	J	1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-octyl phthalate	2.800	J	2.5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	3.200	J	1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzofuran	4.300	J	0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Diethylphthalate	4.600	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dimethylphthalate	4.300	J	0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	4.300	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluorene	4.400	J	0.96	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	3.800	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	4.100	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachloroethane	4.400	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	3.200	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Isophorone	4.200	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitroso-di-n-propylamine	4.300		1.5	2.5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	4.400	J	1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodiphenylamine	4.000	J	0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	4.100	J	1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Nitrobenzene	4.300	J	1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	4.100	J	0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenol	4.100	J	0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyrene	4.200	J	1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyridine	2.900	J	1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	8.000	J	2.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Total PAH	64.200	J	17.36	80	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,1-Biphenyl	8.300		0.91	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2,4,5-Tetrachlorobenzene	8.400		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2,4-Trichlorobenzene	8.000		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,2-Dichlorobenzene	8.300		0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,3-Dichlorobenzene	7.900		0.8	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dichlorobenzene	8.000		0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1,4-Dioxane	7.500		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	1-Methylnaphthalene	8.000		0.86	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BF081924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	2,2-oxybis(1-Chloropropane)	8.500		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,3,4,6-Tetrachlorophenol	7.900		0.79	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4,5-Trichlorophenol	8.100		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4,6-Trichlorophenol	7.200		0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dichlorophenol	7.900		0.88	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dimethylphenol	7.100		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene	8.400		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,6-Dinitrotoluene	8.300		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Chloronaphthalene	8.100		0.97	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Chlorophenol	8.200		0.71	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylnaphthalene	8.200		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Methylphenol	8.900		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Nitroaniline	8.500		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2-Nitrophenol	7.900		2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3+4-Methylphenols	8.800	J	1.2	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3,3-Dichlorobenzidine	9.000	J	1.3	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	3-Nitroaniline	7.500		1.4	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4,6-Dinitro-2-methylphenol	5.300	J	3.1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Bromophenyl-phenylether	7.700		0.95	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chloro-3-methylphenol	8.200		0.84	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chloroaniline	8.700		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Chlorophenyl-phenylether	8.700		0.98	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Nitroaniline	6.900		2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	4-Nitrophenol	2.300	J	2	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthene	8.200		0.81	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acenaphthylene	8.800		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Acetophenone	8.500		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Aniline	9.500		1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Anthracene	8.200		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Atrazine	10.100		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Azobenzene	8.700		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzaldehyde	9.600	J	4	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzidine	6.800	J	4.1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)anthracene	8.200		0.94	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(a)pyrene	8.700		1.7	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(b)fluoranthene	8.300		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(g,h,i)perylene	6.100		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzo(k)fluoranthene	8.600		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Benzyl Alcohol	7.900	J	1.6	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethoxy)methane	8.000		1	5	ug/L

Hit Summary Sheet
SW-846

SDG No.: BF081924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3390-09	MDL-WATER-03-QT3-2\ Water	bis(2-Chloroethyl)ether	8.100		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Bis(2-ethylhexyl)phthalate	7.100		1.9	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Butylbenzylphthalate	9.200		2.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Caprolactam	8.100	J	1.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Carbazole	7.800		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Chrysene	7.900		0.86	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-butylphthalate	9.500		1.5	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Di-n-octyl phthalate	5.700	J	2.5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzo(a,h)anthracene	6.500		1.2	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dibenzofuran	8.600		0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Diethylphthalate	9.400		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Dimethylphthalate	8.800		0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluoranthene	8.200		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Fluorene	8.600		0.96	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobenzene	7.600		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorobutadiene	8.100		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachlorocyclopentadiene	7.300	J	5	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Hexachloroethane	8.600		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Indeno(1,2,3-cd)pyrene	6.800		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Isophorone	8.300		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitroso-di-n-propylamine	8.700		1.5	2.5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodimethylamine	9.000	J	1	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	n-Nitrosodiphenylamine	8.000		0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Naphthalene	8.000		1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Nitrobenzene	8.400		1.3	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenanthrene	8.200		0.89	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Phenol	8.400		0.93	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyrene	8.400		1.1	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Pyridine	6.700		1.6	5	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	16.700		2.7	10	ug/L
P3390-09	MDL-WATER-03-QT3-2\ Water	Total PAH	127.000		17.36	80	ug/L

Total Svoc :

1,131.60

Total Concentration:

1,131.60



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

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.: BF081924 SAS No.: BF081924 SDG NO.: BF081924

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

Lab File ID: BF138684.D Time Analyzed: 10:10

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	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
EPA SAMPLE NO.						
01 PB162549BL	41449	6.83	179181	8.12	102830	9.87
02 PB162553BL	37556	6.83	162310	8.12	94128	9.87
03 MDL-SOIL-03-QT3-2024	44641	6.83	189652	8.12	109646	9.87
04 MDL-SOIL-03-QT3-2024	46478	6.83	197295	8.12	114373	9.87
05 MDL-WATER-03-QT3-2024	46349	6.83	191449	8.12	111978	9.87
06 MDL-WATER-03-QT3-2024	47859	6.83	201624	8.12	111926	9.87
07 PB162612BL	44651	6.83	183175	8.12	106164	9.87
08 PB162612BS	50614	6.83	215610	8.12	122758	9.88
09 PB162549BS	53446	6.83	218483	8.12	118610	9.88
10 PB162688BS	53216	6.83	219351	8.12	122326	9.87

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.: BF081924 SAS No.: BF081924 SDG NO.: BF081924

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

Lab File ID: BF139065.D Time Analyzed: 10:10

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	49558	6.839	204011	8.12	113932	9.88
UPPER LIMIT	99116	7.339	408022	8.622	227864	10.375
LOWER LIMIT	24779	6.339	102005.5	7.622	56966	9.375
EPA SAMPLE NO.						
01 PB162549BL	41449	6.83	179181	8.12	102830	9.87
02 PB162553BL	37556	6.83	162310	8.12	94128	9.87
03 MDL-SOIL-03-QT3-2024	44641	6.83	189652	8.12	109646	9.87
04 MDL-SOIL-03-QT3-2024	46478	6.83	197295	8.12	114373	9.87
05 MDL-WATER-03-QT3-2024	46349	6.83	191449	8.12	111978	9.87
06 MDL-WATER-03-QT3-2024	47859	6.83	201624	8.12	111926	9.87
07 PB162612BL	44651	6.83	183175	8.12	106164	9.87
08 PB162612BS	50614	6.83	215610	8.12	122758	9.88
09 PB162549BS	53446	6.83	218483	8.12	118610	9.88
10 PB162688BS	53216	6.83	219351	8.12	122326	9.87

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.: BF081924 SAS No.: BF081924 SDG NO.: BF081924

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

Lab File ID: BF138684.D Time Analyzed: 10:10

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	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162549BL	193581	11.36	96730	14.00	79121	15.47
02	PB162553BL	177727	11.36	97901	14.00	83553	15.47
03	MDL-SOIL-03-QT3-2024	199224	11.36	107712	14.00	97675	15.47
04	MDL-SOIL-03-QT3-2024	219070	11.36	112625	14.00	95189	15.47
05	MDL-WATER-03-QT3-2024	201770	11.36	107829	14.00	86303	15.47
06	MDL-WATER-03-QT3-2024	202258	11.36	102276	14.00	88008	15.47
07	PB162612BL	194641	11.36	108211	14.00	85541	15.47
08	PB162612BS	206328	11.36	104018	14.00	95044	15.47
09	PB162549BS	200989	11.36	98614	14.00	91613	15.47
10	PB162688BS	202208	11.36	98718	14.00	90220	15.47

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.: BF081924 SAS No.: BF081924 SDG NO.: BF081924

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

Lab File ID: BF139065.D Time Analyzed: 10:10

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	191441	11.357	87715	14.004	96864	15.468
UPPER LIMIT	382882	11.857	175430	14.504	193728	15.968
LOWER LIMIT	95720.5	10.857	43857.5	13.504	48432	14.968
EPA SAMPLE NO.						
01 PB162549BL	193581	11.36	96730	14.00	79121	15.47
02 PB162553BL	177727	11.36	97901	14.00	83553	15.47
03 MDL-SOIL-03-QT3-2024	199224	11.36	107712	14.00	97675	15.47
04 MDL-SOIL-03-QT3-2024	219070	11.36	112625	14.00	95189	15.47
05 MDL-WATER-03-QT3-2024	201770	11.36	107829	14.00	86303	15.47
06 MDL-WATER-03-QT3-2024	202258	11.36	102276	14.00	88008	15.47
07 PB162612BL	194641	11.36	108211	14.00	85541	15.47
08 PB162612BS	206328	11.36	104018	14.00	95044	15.47
09 PB162549BS	200989	11.36	98614	14.00	91613	15.47
10 PB162688BS	202208	11.36	98718	14.00	90220	15.47

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB162549BS	n-Nitrosodimethylamine	1700	1800	ug/Kg	106		*		57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	630	ug/Kg	37				10	133	
	Aniline	1700	1000	ug/Kg	59				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1100	ug/Kg	65				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	800	ug/Kg	47				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	2900	ug/Kg	88				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	25200	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB162549BS	4-Nitrophenol	3300	2100	ug/Kg	64				48	119		
	Dibenzofuran	1700	1600	ug/Kg	94				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	3200	ug/Kg	94				60	106		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	Diethylphthalate	1700	1700	ug/Kg	100				60	101		
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98		
	Fluorene	1700	1600	ug/Kg	94				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113		
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99		
	Azobenzene	1700	1600	ug/Kg	94				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	1700	ug/Kg	100				47	152		
	Pentachlorophenol	3300	2000	ug/Kg	61		*		67	105		
	Phenanthrene	1700	1600	ug/Kg	94				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1900	ug/Kg	112		*		58	104		
	Fluoranthene	1700	1500	ug/Kg	88				57	107		
	Benzidine	3300	340	ug/Kg	10				10	98		
	Pyrene	1700	1600	ug/Kg	94				59	103		
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1600	ug/Kg	94				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135		
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(k)fluoranthene	1700	1800	ug/Kg	106				62	109		
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101		
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108		
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162612BS	n-Nitrosodimethylamine	50	56.1	ug/L	112		*		55	108	
	Pyridine	50	33.2	ug/L	66				29	97	
	Benzaldehyde	50	19.7	ug/L	39				10	162	
	Aniline	50	31.9	ug/L	64				10	130	
	Phenol	50	47.8	ug/L	96				66	118	
	bis(2-Chloroethyl)ether	50	45.6	ug/L	91				62	103	
	2-Chlorophenol	50	50	ug/L	100				70	117	
	1,2-Dichlorobenzene	50	47	ug/L	94				72	102	
	1,3-Dichlorobenzene	50	45.9	ug/L	92				71	103	
	1,4-Dichlorobenzene	50	46.3	ug/L	93				76	103	
	Benzyl Alcohol	50	51	ug/L	102		*		36	93	
	2-Methylphenol	50	48.3	ug/L	97				69	109	
	2,2-oxybis(1-Chloropropane)	50	46.8	ug/L	94				65	100	
	Acetophenone	50	45	ug/L	90				60	104	
	3+4-Methylphenols	50	50.5	ug/L	101				67	106	
	N-Nitroso-di-n-propylamine	50	51.3	ug/L	103				57	107	
	Hexachloroethane	50	47.5	ug/L	95				76	118	
	Nitrobenzene	50	45	ug/L	90				58	106	
	Isophorone	50	47	ug/L	94				61	102	
	2-Nitrophenol	50	47.5	ug/L	95				70	115	
	2,4-Dimethylphenol	50	50.2	ug/L	100				42	142	
	bis(2-Chloroethoxy)methane	50	44.7	ug/L	89				58	109	
	2,4-Dichlorophenol	50	47.3	ug/L	95				66	115	
	1,2,4-Trichlorobenzene	50	44.6	ug/L	89				41	115	
	Benzoic acid	50	28.8	ug/L	58				10	125	
	Naphthalene	50	44.7	ug/L	89				64	107	
	4-Chloroaniline	50	27.1	ug/L	54				10	85	
	Hexachlorobutadiene	50	46.1	ug/L	92				69	101	
	Caprolactam	50	52	ug/L	104				58	128	
	4-Chloro-3-methylphenol	50	48.5	ug/L	97				65	114	
	2-Methylnaphthalene	50	46.5	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	80.5	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	43.4	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	41.8	ug/L	84				70	106	
	1,1-Biphenyl	50	41.6	ug/L	83				72	98	
	2-Chloronaphthalene	50	44	ug/L	88				59	106	
	2-Nitroaniline	50	48.5	ug/L	97				73	114	
	Dimethylphthalate	50	48.5	ug/L	97				64	103	
	Acenaphthylene	50	47.7	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	46.2	ug/L	92				64	110	
3-Nitroaniline	50	32.7	ug/L	65				28	100		
Acenaphthene	50	43.7	ug/L	87				59	113		
Total PAH	800	756.7	ug/L	95				59	113		
2,4-Dinitrophenol	100	76.8	ug/L	77				36	166		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162612BS	4-Nitrophenol	100	63.7	ug/L	64				45	147	
	Dibenzofuran	50	46.3	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	49.2	ug/L	98				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	95.4	ug/L	95				60	115	
	Diethylphthalate	50	50.4	ug/L	101				63	105	
	4-Chlorophenyl-phenylether	50	47.4	ug/L	95				61	104	
	Fluorene	50	47.4	ug/L	95				64	107	
	4-Nitroaniline	50	43.5	ug/L	87				55	125	
	4,6-Dinitro-2-methylphenol	50	45.2	ug/L	90				62	132	
	N-Nitrosodiphenylamine	50	47.9	ug/L	96				61	109	
	Azobenzene	50	47.7	ug/L	95				59	106	
	4-Bromophenyl-phenylether	50	46.1	ug/L	92				73	103	
	Hexachlorobenzene	50	45.1	ug/L	90				73	106	
	Atrazine	50	52.2	ug/L	104				76	120	
	Pentachlorophenol	100	58.2	ug/L	58				47	114	
	Phenanthrene	50	47.9	ug/L	96				62	109	
	Anthracene	50	49	ug/L	98				65	110	
	Carbazole	50	47.2	ug/L	94				62	106	
	Di-n-butylphthalate	50	56.1	ug/L	112		*		64	106	
	Fluoranthene	50	47.3	ug/L	95				64	110	
	Benzidine	100	8.7	ug/L	9		*		10	94	
	Pyrene	50	47	ug/L	94				71	103	
	Butylbenzylphthalate	50	55.9	ug/L	112		*		61	105	
	3,3-Dichlorobenzidine	50	37.9	ug/L	76				43	108	
	Benzo(a)anthracene	50	45.3	ug/L	91				62	107	
	Chrysene	50	48	ug/L	96				61	108	
	bis(2-Ethylhexyl)phthalate	50	47.4	ug/L	95				59	110	
	Di-n-octyl phthalate	50	39.5	ug/L	79				52	139	
	Benzo(b)fluoranthene	50	49.2	ug/L	98				77	113	
	Benzo(k)fluoranthene	50	53.7	ug/L	107		*		77	105	
	Benzo(a)pyrene	50	53.4	ug/L	107				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91				72	105	
	Dibenz(a,h)anthracene	50	45.5	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	41.2	ug/L	82				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.2	ug/L	84				72	101	
	1,4-Dioxane	50	33.2	ug/L	66				38	125	
	2,3,4,6-Tetrachlorophenol	50	47.1	ug/L	94				63	116	
	1-Methylnaphthalene	50	44.1	ug/L	88				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD	
								Qual		High			
PB162688BS	n-Nitrosodimethylamine	1700	1800	ug/Kg	106		*		57		103		
	Pyridine	1700	1000	ug/Kg	59				28		98		
	Benzaldehyde	1700	620	ug/Kg	36				10		133		
	Aniline	1700	1000	ug/Kg	59				38		100		
	Phenol	1700	1500	ug/Kg	88				62		112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60		101		
	2-Chlorophenol	1700	1600	ug/Kg	94				65		112		
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51		102		
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52		99		
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52		100		
	Benzyl Alcohol	1700	1600	ug/Kg	94				42		116		
	2-Methylphenol	1700	1500	ug/Kg	88				61		108		
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51		100		
	Acetophenone	1700	1500	ug/Kg	88				66		98		
	3+4-Methylphenols	1700	1600	ug/Kg	94				58		111		
	N-Nitroso-di-n-propylamine	1700	1700	ug/Kg	100		*		63		95		
	Hexachloroethane	1700	1500	ug/Kg	88				72		108		
	Nitrobenzene	1700	1500	ug/Kg	88				57		101		
	Isophorone	1700	1600	ug/Kg	94				59		99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61		111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46		141		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66		97		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62		107		
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44		110		
	Benzoic acid	1700	1100	ug/Kg	65				10		140		
	Naphthalene	1700	1500	ug/Kg	88				62		100		
	4-Chloroaniline	1700	760	ug/Kg	45				16		100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53		98		
	Caprolactam	1700	1700	ug/Kg	100				67		110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58		112		
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60		104		
	Hexachlorocyclopentadiene	3300	2800	ug/Kg	85				45		165		
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59		102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61		98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57		103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58		99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66		101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61		99		
	Acenaphthylene	1700	1600	ug/Kg	94				63		101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61		104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28		100		
	Acenaphthene	1700	1500	ug/Kg	88				57		104		
	Total PAH		27200	25500	ug/Kg	94				57		104	
	2,4-Dinitrophenol		3300	2700	ug/Kg	82				37		128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162688BS	4-Nitrophenol	3300	2100	ug/Kg	64				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3100	ug/Kg	91				60	106	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	2000	ug/Kg	61		*		67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1900	ug/Kg	112		*		58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	340	ug/Kg	10				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137	
	Benzo(b)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162549BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081924

SAS No.: BF081924 SDG NO.: BF081924

Lab File ID: BF139066.D

Lab Sample ID: PB162549BL

Instrument ID: BNA_F

Date Extracted: 08/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 10:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162549BS	PB162549BS	BF139074.D	08/19/2024
MDL-SOIL-03-QT3-2024	P3390-03	BF139068.D	08/19/2024
MDL-SOIL-03-QT3-2024	P3390-03	BF139069.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162553BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081924

SAS No.: BF081924 SDG NO.: BF081924

Lab File ID: BF139067.D

Lab Sample ID: PB162553BL

Instrument ID: BNA_F

Date Extracted: 08/07/2024

Matrix: (soil/water) Water

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 10:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT3-2024	P3390-09	BF139070.D	08/19/2024
MDL-WATER-03-QT3-2024	P3390-09	BF139071.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162612BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081924

SAS No.: BF081924 SDG NO.: BF081924

Lab File ID: BF139072.D

Lab Sample ID: PB162612BL

Instrument ID: BNA_F

Date Extracted: 08/14/2024

Matrix: (soil/water) Water

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 14:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162612BS	PB162612BS	BF139073.D	08/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162688BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081924

SAS No.: BF081924 SDG NO.: BF081924

Lab File ID: BF139075.D

Lab Sample ID: PB162688BS

Instrument ID: BNA_F

Date Extracted: 08/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/19/2024

Level: (low/med) LOW

Time Analyzed: 15:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162688BS	PB162688BS	BF139075.D	08/19/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF081924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)			
								Low	High		
P3390-03	MDL-SOIL-03-QT	BF139068.D	2-Fluorophenol	150	133.31	89		18	112		
		BF139069.D	2-Fluorophenol	150	126.95	85		18	112		
			Phenol-d6	150	130.20	87		15	107		
		BF139068.D	Phenol-d6	150	133.91	89		15	107		
			Nitrobenzene-d5	100	89.61	90		18	107		
		BF139069.D	Nitrobenzene-d5	100	88.57	89		18	107		
		BF139068.D	2-Fluorobiphenyl	100	87.58	88		20	109		
		BF139069.D	2-Fluorobiphenyl	100	89.63	90		20	109		
			2,4,6-Tribromophenol	150	133.23	89		10	116		
		BF139068.D	2,4,6-Tribromophenol	150	137.06	91		10	116		
			Terphenyl-d14	100	99.00	99		10	105		
		BF139069.D	Terphenyl-d14	100	92.71	93		10	105		
		PB162549BL	PB162549BL	BF139066.D	2-Fluorophenol	150	130.82	87		18	112
					Phenol-d6	150	130.30	87		15	107
	Nitrobenzene-d5			100	84.59	85		18	107		
	2-Fluorobiphenyl			100	85.40	85		20	109		
	2,4,6-Tribromophenol			150	122.88	82		10	116		
	Terphenyl-d14			100	112.63	113	*	10	105		
PB162549BS	PB162549BS			BF139074.D	2-Fluorophenol	150	129.48	86		18	112
			Phenol-d6	150	127.40	85		15	107		
			Nitrobenzene-d5	100	88.26	88		18	107		
			2-Fluorobiphenyl	100	90.52	91		20	109		
			2,4,6-Tribromophenol	150	132.93	89		10	116		
			Terphenyl-d14	100	108.63	109	*	10	105		

Surrogate Summary

SW-846

SDG No.: **BF081924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3390-09	MDL-WATER-03-C	BF139070.D	2-Fluorophenol	150	129.37	86		10	139
		BF139071.D	2-Fluorophenol	150	131.10	87		10	139
		BF139070.D	Phenol-d6	150	130.99	87		10	134
		BF139071.D	Phenol-d6	150	132.67	88		10	134
		BF139070.D	Nitrobenzene-d5	100	90.37	90		49	133
		BF139071.D	Nitrobenzene-d5	100	88.37	88		49	133
			2-Fluorobiphenyl	100	89.42	89		52	132
		BF139070.D	2-Fluorobiphenyl	100	87.93	88		52	132
			2,4,6-Tribromophenol	150	136.26	91		44	137
		BF139071.D	2,4,6-Tribromophenol	150	133.31	89		44	137
		BF139070.D	Terphenyl-d14	100	100.17	100		48	125
		BF139071.D	Terphenyl-d14	100	102.74	103		48	125
PB162553BL	PB162553BL	BF139067.D	2-Fluorophenol	150	138.73	92		10	139
			Phenol-d6	150	136.40	91		10	134
			Nitrobenzene-d5	100	90.81	91		49	133
			2-Fluorobiphenyl	100	91.08	91		52	132
			2,4,6-Tribromophenol	150	127.59	85		44	137
			Terphenyl-d14	100	117.57	118		48	125

Surrogate Summary

SW-846

SDG No.: **BF081924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162612BL	PB162612BL	BF139072.D	2-Fluorophenol	150	122.80	82		10	139
			Phenol-d6	150	121.98	81		10	134
			Nitrobenzene-d5	100	83.70	84		49	133
			2-Fluorobiphenyl	100	82.54	83		52	132
			2,4,6-Tribromophenol	150	120.96	81		44	137
			Terphenyl-d14	100	104.83	105		48	125
PB162612BS	PB162612BS	BF139073.D	2-Fluorophenol	150	136.08	91		10	139
			Phenol-d6	150	133.10	89		10	134
			Nitrobenzene-d5	100	88.48	88		49	133
			2-Fluorobiphenyl	100	87.32	87		52	132
			2,4,6-Tribromophenol	150	130.86	87		44	137
			Terphenyl-d14	100	107.38	107		48	125

Surrogate Summary

SW-846

SDG No.: **BF081924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162688BS	PB162688BS	BF139075.D	2-Fluorophenol	150	130.81	87		18	112
			Phenol-d6	150	128.43	86		15	107
			Nitrobenzene-d5	100	87.62	88		18	107
			2-Fluorobiphenyl	100	87.74	88		20	109
			2,4,6-Tribromophenol	150	130.66	87		10	116
			Terphenyl-d14	100	105.69	106	*	10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081924

Lab Code: CHEM

SAS No.: BF081924 SDG NO.: BF081924

Lab File ID: BF139064.D

DFTPP Injection Date: 08/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	43.8
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	51.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	67.2
443	15.0 - 24.0% of mass 442	13.2 (19.6) 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	BF139065.D	08/19/2024	09:41
PB162549BL	PB162549BL	BF139066.D	08/19/2024	10:10
PB162553BL	PB162553BL	BF139067.D	08/19/2024	10:40
MDL-SOIL-03-QT3-2024	P3390-03	BF139068.D	08/19/2024	11:16
MDL-SOIL-03-QT3-2024	P3390-03	BF139069.D	08/19/2024	11:46
MDL-WATER-03-QT3-2024	P3390-09	BF139070.D	08/19/2024	12:32
MDL-WATER-03-QT3-2024	P3390-09	BF139071.D	08/19/2024	13:02
PB162612BL	PB162612BL	BF139072.D	08/19/2024	14:17
PB162612BS	PB162612BS	BF139073.D	08/19/2024	14:46
PB162549BS	PB162549BS	BF139074.D	08/19/2024	15:17
PB162688BS	PB162688BS	BF139075.D	08/19/2024	15:47
SSTDCCC040EC	SSTDCCC040	BF139076.D	08/19/2024	16:18