

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE091924 SAS No.: BE091924 SDG No.: BE091924

Instrument ID: BNA_E Calibration Date/Time: 9/19/2024 1:09:14

Lab File ID: BE101370.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.451	0.478		5.987	
Pyridine	1.255	1.295		3.187	
2-Fluorophenol	1.144	1.145		0.087	
Benzaldehyde	0.745	0.868		16.51	
Aniline	1.360	1.499		10.221	
Phenol-d6	1.622	1.637		0.925	
Phenol	1.782	1.831		2.75	20.0
bis(2-Chloroethyl) ether	1.508	1.395		-7.493	
2-Chlorophenol	1.375	1.377		0.145	
1,2-Dichlorobenzene	1.491	1.452		-2.616	
1,3-Dichlorobenzene	1.477	1.441		-2.437	
1,4-Dichlorobenzene	1.505	1.475		-1.993	20.0
Benzyl Alcohol	0.966	1.053		9.006	
2-Methylphenol	1.181	1.202		1.778	
2,2-oxybis(1-Chloropropane)	1.901	1.880		-1.105	
Acetophenone	0.464	0.473		1.94	
3+4-Methylphenols	1.662	1.718		3.369	
n-Nitroso-di-n-propylamine	1.144	1.217	0.050	6.381	
Nitrobenzene-d5	0.315	0.331		5.079	
Hexachloroethane	0.492	0.498		1.22	
Nitrobenzene	0.337	0.348		3.264	
Isophorone	0.646	0.672		4.025	
2-Nitrophenol	0.159	0.172		8.176	20.0
2,4-Dimethylphenol	0.204	0.211		3.431	
bis(2-Chloroethoxy) methane	0.391	0.396		1.279	
2,4-Dichlorophenol	0.279	0.290		3.943	20.0
1,2,4-Trichlorobenzene	0.302	0.300		-0.662	
Benzoic acid	0.192	0.214		11.458	
Naphthalene	1.009	1.016		0.694	
4-Chloroaniline	0.386	0.404		4.663	
Hexachlorobutadiene	0.175	0.173		-1.143	20.0
Caprolactam	0.113	0.123		8.85	
4-Chloro-3-methylphenol	0.330	0.344		4.242	20.0
2-Methylnaphthalene	0.738	0.740		0.271	
Hexachlorocyclopentadiene	0.158	0.163	0.050	3.165	
2,4,6-Trichlorophenol	0.341	0.357		4.692	20.0
2-Fluorobiphenyl	1.157	1.175		1.556	
2,4,5-Trichlorophenol	0.385	0.404		4.935	
1,1-Biphenyl	1.355	1.349		-0.443	

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Lab File ID: BE101370.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.066	1.072		0.563	
2-Nitroaniline	0.287	0.319		11.15	
Dimethylphthalate	1.443	1.440		-0.208	
Acenaphthylene	1.591	1.616		1.571	
2,6-Dinitrotoluene	0.323	0.334		3.406	
3-Nitroaniline	0.332	0.366		10.241	
Acenaphthene	1.049	1.056		0.667	20.0
2,4-Dinitrophenol	0.192	0.205	0.050	6.771	
4-Nitrophenol	0.276	0.304	0.050	10.145	
Dibenzofuran	1.656	1.652		-0.242	
2,4-Dinitrotoluene	0.440	0.474		7.727	
Diethylphthalate	1.497	1.508		0.735	
4-Chlorophenyl-phenylether	0.685	0.682		-0.438	
Fluorene	1.396	1.408		0.86	
4-Nitroaniline	0.346	0.390		12.717	
4,6-Dinitro-2-methylphenol	0.114	0.119		4.386	
n-Nitrosodiphenylamine	0.533	0.540		1.313	20.0
Azobenzene	1.280	1.315		2.734	
2,4,6-Tribromophenol	0.336	0.353		5.06	
4-Bromophenyl-phenylether	0.208	0.208		0.0	
Hexachlorobenzene	0.269	0.272		1.115	
Atrazine	0.176	0.155		-11.932	
Pentachlorophenol	0.160	0.172		7.5	20.0
Phenanthrene	0.950	0.962		1.263	
Anthracene	0.924	0.961		4.004	
Carbazole	0.947	0.974		2.851	
Di-n-butylphthalate	1.040	1.106		6.346	
Fluoranthene	1.144	1.174		2.712	20.0
Benzidine	0.332	0.548		65.06	
Pyrene	1.112	1.138		2.338	
Terphenyl-d14	0.902	0.795		-11.863	
Butylbenzylphthalate	0.492	0.523		6.301	
3,3-Dichlorobenzidine	0.440	0.484		10.0	
Benzo(a)anthracene	1.123	1.144		1.87	
Chrysene	1.079	1.095		1.483	
Bis(2-ethylhexyl)phthalate	0.651	0.707		8.602	
Di-n-octyl phthalate	1.063	1.134		6.679	20.0
Benzo(b)fluoranthene	1.036	1.057		2.027	
Benzo(k)fluoranthene	0.978	1.003		2.556	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_E Calibration Date/Time: 9/19/2024 1:09:14

Lab File ID: BE101370.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.914	0.940		2.845	20.0
Indeno(1,2,3-cd)pyrene	1.318	1.356		2.883	
Dibenzo(a,h)anthracene	1.103	1.141		3.445	
Benzo(g,h,i)perylene	1.120	1.136		1.429	
1,2,4,5-Tetrachlorobenzene	0.482	0.481		-0.207	
1,4-Dioxane	0.436	0.436		0.0	20.0
2,3,4,6-Tetrachlorophenol	0.364	0.378		3.846	
1-Methylnaphthalene	0.740	0.744		0.541	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE091924 SAS No.: BE091924 SDG No.: BE091924

Instrument ID: BNA_E Calibration Date/Time: 9/19/2024 1:14:39

Lab File ID: BE101377.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.451	0.492		9.091	50.0
Pyridine	1.255	1.305		3.984	50.0
2-Fluorophenol	1.144	1.155		0.962	50.0
Benzaldehyde	0.745	0.842		13.02	50.0
Aniline	1.360	1.493		9.779	50.0
Phenol-d6	1.622	1.621		-0.062	50.0
Phenol	1.782	1.840		3.255	50.0
bis(2-Chloroethyl) ether	1.508	1.403		-6.963	50.0
2-Chlorophenol	1.375	1.380		0.364	50.0
1,2-Dichlorobenzene	1.491	1.477		-0.939	50.0
1,3-Dichlorobenzene	1.477	1.452		-1.693	50.0
1,4-Dichlorobenzene	1.505	1.491		-0.93	50.0
Benzyl Alcohol	0.966	1.080		11.801	50.0
2-Methylphenol	1.181	1.204		1.948	50.0
2,2-oxybis(1-Chloropropane)	1.901	1.881		-1.052	50.0
Acetophenone	0.464	0.471		1.509	50.0
3+4-Methylphenols	1.662	1.687		1.504	50.0
n-Nitroso-di-n-propylamine	1.144	1.185	0.050	3.584	50.0
Nitrobenzene-d5	0.315	0.331		5.079	50.0
Hexachloroethane	0.492	0.500		1.626	50.0
Nitrobenzene	0.337	0.350		3.858	50.0
Isophorone	0.646	0.658		1.858	50.0
2-Nitrophenol	0.159	0.171		7.547	50.0
2,4-Dimethylphenol	0.204	0.210		2.941	50.0
bis(2-Chloroethoxy) methane	0.391	0.391		0.0	50.0
2,4-Dichlorophenol	0.279	0.287		2.867	50.0
1,2,4-Trichlorobenzene	0.302	0.301		-0.331	50.0
Benzoic acid	0.192	0.201		4.688	50.0
Naphthalene	1.009	1.011		0.198	50.0
4-Chloroaniline	0.386	0.396		2.591	50.0
Hexachlorobutadiene	0.175	0.178		1.714	50.0
Caprolactam	0.113	0.121		7.08	50.0
4-Chloro-3-methylphenol	0.330	0.338		2.424	50.0
2-Methylnaphthalene	0.738	0.733		-0.678	50.0
Hexachlorocyclopentadiene	0.158	0.171	0.050	8.228	50.0
2,4,6-Trichlorophenol	0.341	0.352		3.226	50.0
2-Fluorobiphenyl	1.157	1.161		0.346	50.0
2,4,5-Trichlorophenol	0.385	0.394		2.338	50.0
1,1-Biphenyl	1.355	1.348		-0.517	50.0

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.066	1.072		0.563	50.0
2-Nitroaniline	0.287	0.325		13.24	50.0
Dimethylphthalate	1.443	1.435		-0.554	50.0
Acenaphthylene	1.591	1.623		2.011	50.0
2,6-Dinitrotoluene	0.323	0.338		4.644	50.0
3-Nitroaniline	0.332	0.367		10.542	50.0
Acenaphthene	1.049	1.043		-0.572	50.0
2,4-Dinitrophenol	0.192	0.207	0.050	7.812	50.0
4-Nitrophenol	0.276	0.311	0.050	12.681	50.0
Dibenzofuran	1.656	1.657		0.06	50.0
2,4-Dinitrotoluene	0.440	0.480		9.091	50.0
Diethylphthalate	1.497	1.523		1.737	50.0
4-Chlorophenyl-phenylether	0.685	0.689		0.584	50.0
Fluorene	1.396	1.418		1.576	50.0
4-Nitroaniline	0.346	0.398		15.029	50.0
4,6-Dinitro-2-methylphenol	0.114	0.123		7.895	50.0
n-Nitrosodiphenylamine	0.533	0.540		1.313	50.0
Azobenzene	1.280	1.324		3.438	50.0
2,4,6-Tribromophenol	0.336	0.354		5.357	50.0
4-Bromophenyl-phenylether	0.208	0.206		-0.962	50.0
Hexachlorobenzene	0.269	0.268		-0.372	50.0
Atrazine	0.176	0.153		-13.068	50.0
Pentachlorophenol	0.160	0.175		9.375	50.0
Phenanthrene	0.950	0.968		1.895	50.0
Anthracene	0.924	0.947		2.489	50.0
Carbazole	0.947	0.992		4.752	50.0
Di-n-butylphthalate	1.040	1.122		7.885	50.0
Fluoranthene	1.144	1.183		3.5	50.0
Benzidine	0.332	0.602		81.325	50.0
Pyrene	1.112	1.120		0.719	50.0
Terphenyl-d14	0.902	0.771		-14.523	50.0
Butylbenzylphthalate	0.492	0.525		6.707	50.0
3,3-Dichlorobenzidine	0.440	0.492		11.818	50.0
Benzo(a)anthracene	1.123	1.144		1.87	50.0
Chrysene	1.079	1.082		0.278	50.0
Bis(2-ethylhexyl)phthalate	0.651	0.711		9.217	50.0
Di-n-octyl phthalate	1.063	1.139		7.15	50.0
Benzo(b)fluoranthene	1.036	1.011		-2.413	50.0
Benzo(k)fluoranthene	0.978	1.006		2.863	50.0

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.914	0.928		1.532	50.0
Indeno(1,2,3-cd)pyrene	1.318	1.350		2.428	50.0
Dibenzo(a,h)anthracene	1.103	1.124		1.904	50.0
Benzo(g,h,i)perylene	1.120	1.128		0.714	50.0
1,2,4,5-Tetrachlorobenzene	0.482	0.484		0.415	50.0
1,4-Dioxane	0.436	0.443		1.606	50.0
2,3,4,6-Tetrachlorophenol	0.364	0.373		2.473	50.0
1-Methylnaphthalene	0.740	0.729		-1.486	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BE091924
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101371.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BE091924
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101371.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BE091924
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101371.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.212		18-112		91	SPK: -150
13127-88-3	Phenol-d6	122.326		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	82.662		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	87.413		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BE091924
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101371.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.976		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	75.77		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128515	7.576				
1146-65-2	Naphthalene-d8	554225	10.344				
15067-26-2	Acenaphthene-d10	372044	14.18				
1517-22-2	Phenanthrene-d10	938865	16.918				
1719-03-5	Chrysene-d12	1194399	21.078				
1520-96-3	Perylene-d12	1598192	23.369				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	910	J			2.688	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			4.815	

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101372.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	130	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	93.3	J	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	J	180	270	330	ug/Kg
62-53-3	Aniline	180		96.8	130	170	ug/Kg
108-95-2	Phenol	120	J	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	J	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	130	J	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	J	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	130	J	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	J	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	180	J	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	120	J	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	90.8	130	170	ug/Kg
98-86-2	Acetophenone	130	J	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	120	J	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	130	J	90.7	130	170	ug/Kg
78-59-1	Isophorone	120	J	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	100	J	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	100	J	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	J	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	110	J	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	J	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	280	J	240	270	330	ug/Kg
91-20-3	Naphthalene	130	J	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	120	J	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101372.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	J	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	100	J	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	130	J	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	140	J	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	J	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	100	J	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	130	J	81	130	170	ug/Kg
Total PAH	Total PAH	2170	J	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	140	J	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	206.1	J	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.1	J	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	130	J	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	J	85.5	130	170	ug/Kg
86-73-7	Fluorene	130	J	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	130	J	81.5	130	170	ug/Kg
103-33-3	Azobenzene	130	J	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	J	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	84.9	130	170	ug/Kg
1912-24-9	Atrazine	140	J	91.3	130	170	ug/Kg



Client:			Date Collected:	5/7/2024 12:00:00 AM	
Project:			Date Received:	5/7/2024 12:00:00 AM	
Client Sample ID:	MDL-SOIL-03-QT2-2024		SDG No.:	BE091924	
Lab Sample ID:	P2403-03		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101372.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.1	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	140	J	83.9	130	170	ug/Kg
120-12-7	Anthracene	130	J	84.3	130	170	ug/Kg
86-74-8	Carbazole	130	J	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	140	J	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	130	J	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	80.6	130	170	ug/Kg
218-01-9	Chrysene	150	J	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	140	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	J	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.928		18-112		82	SPK: -150
13127-88-3	Phenol-d6	119.938		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	85.774		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	85.533		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101372.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.187		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	65.612		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137432	7.576				
1146-65-2	Naphthalene-d8	671135	10.343				
15067-26-2	Acenaphthene-d10	492772	14.18				
1517-22-2	Phenanthrene-d10	1190901	16.918				
1719-03-5	Chrysene-d12	1409086	21.084				
1520-96-3	Perylene-d12	1788371	23.369				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101373.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	J	86.7	270	330	ug/Kg
110-86-1	Pyridine	230		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	420		180	270	330	ug/Kg
62-53-3	Aniline	400		96.8	130	170	ug/Kg
108-95-2	Phenol	270		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	310		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	340		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	270		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320		90.8	130	170	ug/Kg
98-86-2	Acetophenone	310		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	270	J	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280		40.2	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	290		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	310		90.7	130	170	ug/Kg
78-59-1	Isophorone	300		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	280		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	240		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	290		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	310		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	370		240	270	330	ug/Kg
91-20-3	Naphthalene	310		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	310		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101373.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	J	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	320		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	310		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	280		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	310		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	340		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	280		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	290		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	300		81	130	170	ug/Kg
Total PAH	Total PAH	5220		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	290	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	330		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	270		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	320		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	310		85.5	130	170	ug/Kg
86-73-7	Fluorene	310		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	290		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	310		81.5	130	170	ug/Kg
103-33-3	Azobenzene	330		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	280		84.9	130	170	ug/Kg
1912-24-9	Atrazine	360		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101373.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	J	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	330		83.9	130	170	ug/Kg
120-12-7	Anthracene	330		84.3	130	170	ug/Kg
86-74-8	Carbazole	330		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	340		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	350		81.6	130	170	ug/Kg
92-87-5	Benzidine	330		160	270	330	ug/Kg
129-00-0	Pyrene	320		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	310		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	J	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	350		80.6	130	170	ug/Kg
218-01-9	Chrysene	340		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	330		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	350		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	330		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	320		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	330		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	310		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	290		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	141.535		18-112		94	SPK: -150
13127-88-3	Phenol-d6	135.719		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	104.217		18-107		104	SPK: -100
321-60-8	2-Fluorobiphenyl	102.63		20-109		103	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101373.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.924		10-116		103	SPK: -150
1718-51-0	Terphenyl-d14	75.879		10-105		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131309	7.576				
1146-65-2	Naphthalene-d8	619481	10.344				
15067-26-2	Acenaphthene-d10	448629	14.18				
1517-22-2	Phenanthrene-d10	1092847	16.918				
1719-03-5	Chrysene-d12	1332514	21.078				
1520-96-3	Perylene-d12	1633041	23.37				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101374.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	4	J	1	8	10	ug/L
110-86-1	Pyridine	2.8	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.7	J	4	8	10	ug/L
62-53-3	Aniline	5.1		1.6	4	5	ug/L
108-95-2	Phenol	3.5	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	3.5	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	4	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.9	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	4	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.9	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	5.2	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.4	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	3.9	J	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	3.2	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	3.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	3.7	J	1	4	5	ug/L
98-95-3	Nitrobenzene	4.1	J	1.3	4	5	ug/L
78-59-1	Isophorone	3.7	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.2	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.7	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.5	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.9	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	8.5	J	5.5	8	10	ug/L
91-20-3	Naphthalene	4	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.6	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.9	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101374.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2.8	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.4	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.9	J	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.4	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.3	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	4.3	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.9	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	2.9	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.9	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	4.2	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.1	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	2.9	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.9	J	0.81	4	5	ug/L
Total PAH	Total PAH	65.2	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	2.6	J	2	8	10	ug/L
132-64-9	Dibenzofuran	4.1	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.8	J	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5.9	J	2.7	4	10	ug/L
84-66-2	Diethylphthalate	3.9	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.9	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.9	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.5	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	3.9	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.8	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.7	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.7	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.1	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101374.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.5	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	4.2	J	0.89	4	5	ug/L
120-12-7	Anthracene	4	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.8	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	3.8	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	4.2	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	4.1	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	3.6	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.5	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	4.4	J	0.94	4	5	ug/L
218-01-9	Chrysene	4.4	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.5	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.8	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.3	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	4.1	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.9	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.6	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.1	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4.5	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.5	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.7	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.932		10-139		82	SPK: -150
13127-88-3	Phenol-d6	116.192		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	85.788		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	88.424		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101374.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.344		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	71.388		48-125		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139081	7.573				
1146-65-2	Naphthalene-d8	667583	10.34				
15067-26-2	Acenaphthene-d10	479436	14.182				
1517-22-2	Phenanthrene-d10	1107658	16.92				
1719-03-5	Chrysene-d12	1235269	21.08				
1520-96-3	Perylene-d12	1505601	23.372				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101375.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

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	7.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	13		4	8	10	ug/L
62-53-3	Aniline	11.7		1.6	4	5	ug/L
108-95-2	Phenol	8.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	9.2		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	9.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	9.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	9		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	10.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	8.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.7		1.4	4	5	ug/L
98-86-2	Acetophenone	9.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	8.1	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	9		1	4	5	ug/L
98-95-3	Nitrobenzene	9.4		1.3	4	5	ug/L
78-59-1	Isophorone	9.1		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	8.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	7.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	8.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	9.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	10.8		5.5	8	10	ug/L
91-20-3	Naphthalene	9.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	9.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	8.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101375.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

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	8.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	8.3	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	8.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	8.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	9.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	8.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	9.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	10		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	8.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	8.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	9		0.81	4	5	ug/L
Total PAH	Total PAH	156.3		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	8.7	J	2	8	10	ug/L
132-64-9	Dibenzofuran	9.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	7.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	9.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9		0.98	4	5	ug/L
86-73-7	Fluorene	9.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	8.5		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.8	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	9.3		0.89	4	5	ug/L
103-33-3	Azobenzene	9.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	8.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	8.7		1.1	4	5	ug/L
1912-24-9	Atrazine	10.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101375.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	7.5	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	10		0.89	4	5	ug/L
120-12-7	Anthracene	9.7		1.1	4	5	ug/L
86-74-8	Carbazole	9.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	10.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	10.2		1.3	4	5	ug/L
92-87-5	Benzidine	10.8		4.1	8	10	ug/L
129-00-0	Pyrene	9.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	9.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	9.6	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	10.3		0.94	4	5	ug/L
218-01-9	Chrysene	10.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	10		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	9.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	10.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	10.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	9.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	9.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	9.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.78		10-139		95	SPK: -150
13127-88-3	Phenol-d6	136.452		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	105.183		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	101.778		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BE091924
Lab Sample ID:	P2403-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101375.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.392		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	75.583		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143033	7.575				
1146-65-2	Naphthalene-d8	677968	10.342				
15067-26-2	Acenaphthene-d10	488431	14.185				
1517-22-2	Phenanthrene-d10	1127269	16.923				
1719-03-5	Chrysene-d12	1344600	21.083				
1520-96-3	Perylene-d12	1656699	23.374				

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BE091924
Lab Sample ID:	PB163139BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101376.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

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

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BE091924
Lab Sample ID:	PB163139BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101376.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BE091924
Lab Sample ID:	PB163139BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101376.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.464		10-139		90	SPK: -150
13127-88-3	Phenol-d6	118.856		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	83.593		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	90.357		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163139BL	SDG No.:	BE091924
Lab Sample ID:	PB163139BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101376.D	1	9/4/2024 12:00:00 AM	9/19/2024 12:00:00 AM	PB163139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.616		44-137		79	SPK: -150
1718-51-0	Terphenyl-d14	73.892		48-125		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128093	7.57				
1146-65-2	Naphthalene-d8	533234	10.344				
15067-26-2	Acenaphthene-d10	336195	14.18				
1517-22-2	Phenanthrene-d10	812706	16.918				
1719-03-5	Chrysene-d12	1139442	21.078				
1520-96-3	Perylene-d12	1532871	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	28.3	J			2.688	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6	A			4.815	

Hit Summary Sheet SW-846

SDG No.: BE091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT2-2024								
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,1-Biphenyl	140.000	J	87.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	86.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2,4-Trichlorobenzene	130.000	J	85.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,2-Dichlorobenzene	130.000	J	84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,3-Dichlorobenzene	130.000	J	85.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dichlorobenzene	130.000	J	86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dioxane	140.000	J	110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1-Methylnaphthalene	120.000	J	83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	90.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,3,4,6-Tetrachlorophenol	120.000	J	74.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4,5-Trichlorophenol	110.000	J	73.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4,6-Trichlorophenol	110.000	J	71.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dichlorophenol	110.000	J	75.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dimethylphenol	100.000	J	93.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dinitrotoluene	96.100	J	86.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,6-Dinitrotoluene	110.000	J	83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Chloronaphthalene	130.000	J	83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Chlorophenol	130.000	J	83.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylnaphthalene	130.000	J	82.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylphenol	120.000	J	80.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Nitroaniline	100.000	J	94.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Nitrophenol	100.000	J	94.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3+4-Methylphenols	110.000	J	79.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3,3-Dichlorobenzidine	120.000	J	98.5	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	3-Nitroaniline	100.000	J	89.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Bromophenyl-phenylether	120.000	J	78.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chloro-3-methylphenol	110.000	J	77.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chloroaniline	120.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Chlorophenyl-phenylether	130.000	J	85.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthene	130.000	J	81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthylene	140.000	J	86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acetophenone	130.000	J	86.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Aniline	180.000		96.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Anthracene	130.000	J	84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Atrazine	140.000	J	91.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Azobenzene	130.000	J	79.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzaldehyde	180.000	J	180	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BE091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)anthracene	140.000	J	80.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)pyrene	140.000	J	92.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(b)fluoranthene	140.000	J	81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(g,h,i)perylene	120.000	J	80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(k)fluoranthene	140.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzoic acid	280.000	J	240	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzyl Alcohol	180.000	J	82.9	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	bis(2-Chloroethoxy)methane	120.000	J	85.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	bis(2-Chloroethyl)ether	100.000	J	83.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	90.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Butylbenzylphthalate	120.000	J	96.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Caprolactam	100.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Carbazole	130.000	J	80.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Chrysene	150.000	J	79.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Di-n-butylphthalate	130.000	J	84.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Di-n-octyl phthalate	120.000	J	110	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dibenzo(a,h)anthracene	130.000	J	81.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dibenzofuran	140.000	J	84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Diethylphthalate	130.000	J	80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dimethylphthalate	130.000	J	81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluoranthene	140.000	J	81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluorene	130.000	J	85.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobenzene	120.000	J	84.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobutadiene	120.000	J	83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachloroethane	120.000	J	82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	78	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Isophorone	120.000	J	84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitroso-di-n-propylamine	110.000		40.2	79.9	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitrosodimethylamine	130.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitrosodiphenylamine	130.000	J	81.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Naphthalene	130.000	J	82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Nitrobenzene	130.000	J	90.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pentachlorophenol	88.100	J	77.2	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Phenanthrene	140.000	J	83.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Phenol	120.000	J	82.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pyrene	130.000	J	82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pyridine	93.300	J	79.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	206.000	J	169.2	340	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Total PAH	2,170.000	J	1323.5	2720	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,1-Biphenyl	320.000		87.3	170	ug/Kg

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SDG No.: BE091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2,4,5-Tetrachlorobenzene	310.000		86.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2,4-Trichlorobenzene	310.000		85.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,2-Dichlorobenzene	300.000		84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,3-Dichlorobenzene	300.000		85.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,4-Dichlorobenzene	300.000		86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1,4-Dioxane	330.000		110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	1-Methylnaphthalene	290.000		83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,2-oxybis(1-Chloropropane)	320.000		90.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,3,4,6-Tetrachlorophenol	310.000		74.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4,5-Trichlorophenol	280.000		73.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4,6-Trichlorophenol	280.000		71.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dichlorophenol	290.000		75.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dimethylphenol	240.000		93.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene	270.000		86.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,6-Dinitrotoluene	280.000		83.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Chloronaphthalene	310.000		83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Chlorophenol	310.000		83.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Methylnaphthalene	300.000		82.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Methylphenol	270.000		80.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Nitroaniline	280.000		94.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2-Nitrophenol	280.000		94.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3+4-Methylphenols	270.000	J	79.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3,3-Dichlorobenzidine	310.000	J	98.5	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	3-Nitroaniline	290.000		89.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4,6-Dinitro-2-methylphenol	220.000	J	120	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Bromophenyl-phenylether	280.000		78.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chloro-3-methylphenol	270.000		77.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chloroaniline	310.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Chlorophenyl-phenylether	310.000		85.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Nitroaniline	290.000		110	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	4-Nitrophenol	290.000	J	120	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acenaphthene	300.000		81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acenaphthylene	340.000		86.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Acetophenone	310.000		86.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Aniline	400.000		96.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Anthracene	330.000		84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Atrazine	360.000		91.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Azobenzene	330.000		79.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzaldehyde	420.000		180	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzidine	330.000		160	330	ug/Kg

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SDG No.: BE091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)anthracene	350.000		80.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(a)pyrene	330.000		92.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(b)fluoranthene	310.000		81	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(g,h,i)perylene	300.000		80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzo(k)fluoranthene	350.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzoic acid	370.000		240	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Benzyl Alcohol	340.000		82.9	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethoxy)methane	300.000		85.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	bis(2-Chloroethyl)ether	270.000		83.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Bis(2-ethylhexyl)phthalate	310.000		90.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Butylbenzylphthalate	310.000		96.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Caprolactam	280.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Carbazole	330.000		80.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Chrysene	340.000		79.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Di-n-butylphthalate	340.000		84.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Di-n-octyl phthalate	330.000		110	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzo(a,h)anthracene	320.000		81.1	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dibenzofuran	330.000		84.3	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Diethylphthalate	320.000		80	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Dimethylphthalate	310.000		81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluoranthene	350.000		81.6	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Fluorene	310.000		85.4	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobenzene	280.000		84.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorobutadiene	300.000		83.2	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachlorocyclopentadiene	280.000	J	160	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Hexachloroethane	290.000		82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Indeno(1,2,3-cd)pyrene	330.000		78	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Isophorone	300.000		84.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitroso-di-n-propylamine	280.000		40.2	79.9	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodimethylamine	270.000	J	86.7	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	n-Nitrosodiphenylamine	310.000		81.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Naphthalene	310.000		82.5	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Nitrobenzene	310.000		90.7	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pentachlorophenol	250.000	J	77.2	330	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenanthrene	330.000		83.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Phenol	270.000		82.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyrene	320.000		82.9	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Pyridine	230.000		79.8	170	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	550.000		169.2	340	ug/Kg
P2403-03	MDL-SOIL-03-QT2-202	Solid	Total PAH	5,220.000		1323.5	2720	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BE091924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	41,813.50				
			Total Concentration:	41,813.50				
Client ID : MDL-WATER-03-QT2-2024								
P2403-09	MDL-WATER-03-QT2-2	Water	1,1-Biphenyl	4.300	J	0.91	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1,2,4,5-Tetrachlorobenzene	4.100	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1,2,4-Trichlorobenzene	3.900	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1,2-Dichlorobenzene	3.900	J	0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1,3-Dichlorobenzene	4.000	J	0.8	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1,4-Dichlorobenzene	3.900	J	0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1,4-Dioxane	4.500	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	1-Methylnaphthalene	3.700	J	0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,2-oxybis(1-Chloropropane)	4.200	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,3,4,6-Tetrachlorophenol	3.500	J	0.79	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,4,5-Trichlorophenol	3.300	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,4,6-Trichlorophenol	3.400	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,4-Dichlorophenol	3.500	J	0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,4-Dimethylphenol	3.000	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,4-Dinitrotoluene	2.800	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2,6-Dinitrotoluene	3.100	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2-Chloronaphthalene	3.900	J	0.97	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2-Chlorophenol	4.000	J	0.71	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2-Methylnaphthalene	3.900	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2-Methylphenol	3.400	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2-Nitroaniline	2.900	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	2-Nitrophenol	3.200	J	2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	3+4-Methylphenols	3.200	J	1.2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	3,3-Dichlorobenzidine	3.500	J	1.3	10	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	3-Nitroaniline	2.900	J	1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	4-Bromophenyl-phenylether	3.700	J	0.95	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	4-Chloro-3-methylphenol	3.400	J	0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	4-Chloroaniline	3.600	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	4-Chlorophenyl-phenylether	3.900	J	0.98	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	4-Nitroaniline	2.500	J	2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	4-Nitrophenol	2.600	J	2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	Acenaphthene	3.900	J	0.81	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	Acenaphthylene	4.200	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	Acetophenone	3.900	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	Aniline	5.100		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	Anthracene	4.000	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2	Water	Atrazine	4.100	J	1.3	5	ug/L

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SDG No.: BE091924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	Azobenzene	3.800	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzaldehyde	5.700	J	4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	4.400	J	0.94	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	4.100	J	1.7	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	4.000	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	3.600	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	4.300	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzoic acid	8.500	J	5.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzyl Alcohol	5.200	J	1.6	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethoxy)methane	3.700	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	3.500	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	3.500	J	1.9	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Butylbenzylphthalate	3.600	J	2.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Caprolactam	2.800	J	1.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Carbazole	3.800	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	4.400	J	0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-butylphthalate	3.800	J	1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-octyl phthalate	3.800	J	2.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	3.900	J	1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzofuran	4.100	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Diethylphthalate	3.900	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dimethylphthalate	3.900	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	4.200	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	3.900	J	0.96	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	3.700	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	3.900	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachloroethane	3.700	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	4.000	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Isophorone	3.700	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitroso-di-n-propylamine	3.500		1.5	2.5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	4.000	J	1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodiphenylamine	3.900	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	4.000	J	1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Nitrobenzene	4.100	J	1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	2.500	J	1.9	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	4.200	J	0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenol	3.500	J	0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	4.100	J	1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyridine	2.800	J	1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.900	J	2.7	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BE091924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	65.200	J	17.36	80	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,1-Biphenyl	9.800		0.91	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4,5-Tetrachlorobenzene	9.400		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2,4-Trichlorobenzene	9.100		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,2-Dichlorobenzene	9.100		0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,3-Dichlorobenzene	9.100		0.8	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dichlorobenzene	9.000		0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dioxane	9.600		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1-Methylnaphthalene	8.600		0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,2-oxybis(1-Chloropropane)	9.700		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,3,4,6-Tetrachlorophenol	8.800		0.79	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,5-Trichlorophenol	8.300		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4,6-Trichlorophenol	8.600		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dichlorophenol	8.700		0.88	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dimethylphenol	7.400		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,4-Dinitrotoluene	7.900		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2,6-Dinitrotoluene	8.400		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chloronaphthalene	9.000		0.97	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Chlorophenol	9.200		0.71	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylnaphthalene	9.000		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylphenol	8.400		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitroaniline	8.100		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Nitrophenol	8.700		2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3+4-Methylphenols	8.100	J	1.2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3,3-Dichlorobenzidine	9.600	J	1.3	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	3-Nitroaniline	8.400		1.4	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4,6-Dinitro-2-methylphenol	6.800	J	3.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Bromophenyl-phenylether	8.800		0.95	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloro-3-methylphenol	8.300		0.84	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chloroaniline	9.400		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Chlorophenyl-phenylether	9.000		0.98	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitroaniline	8.500		2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Nitrophenol	8.700	J	2	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthene	9.000		0.81	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthylene	10.000		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acetophenone	9.300		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Aniline	11.700		1.6	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Anthracene	9.700		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Atrazine	10.700		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Azobenzene	9.400		1.2	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BE091924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzaldehyde	13.000		4	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzidine	10.800		4.1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	10.300		0.94	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	10.100		1.7	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	9.500		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	9.000		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	10.600		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzoic acid	10.800		5.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzyl Alcohol	10.800		1.6	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethoxy)methane	9.000		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	8.300		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	9.300		1.9	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Butylbenzylphthalate	9.300		2.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Caprolactam	8.100	J	1.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Carbazole	9.800		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	10.400		0.86	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-butylphthalate	10.200		1.5	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Di-n-octyl phthalate	10.000		2.5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	9.700		1.2	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzofuran	9.600		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Diethylphthalate	9.400		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dimethylphthalate	9.300		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	10.200		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	9.200		0.96	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	8.700		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	8.900		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorocyclopentadiene	8.300	J	5	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachloroethane	9.000		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	9.800		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Isophorone	9.100		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitroso-di-n-propylamine	8.400		1.5	2.5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	9.000	J	1	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodiphenylamine	9.300		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	9.300		1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Nitrobenzene	9.400		1.3	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	7.500	J	1.9	10	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	10.000		0.89	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenol	8.500		0.93	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	9.500		1.1	5	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyridine	7.500		1.6	5	ug/L



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BE091924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2 ¹ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	16.300		2.7	10	ug/L
P2403-09	MDL-WATER-03-QT2-2 ¹ Water	Total PAH	156.000		17.36	80	ug/L
Total Svoc :					1,262.50		
Total Concentration:					1,262.50		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BE091724

SAS No.: BE091724

SDG No.: BE091724

Instrument ID:

Calibration Date(s): 9/17/2024

Calibration Time(s): 09:41

LAB FILE ID:		RRF2.5 = BE101344.D			RRF005 = BE101345.D		RRF010 = BE101346.D	
		RRF020 = BE101347.D			RRF040 = BE101348.D		RRF050 = BE101349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.433	0.404	0.460	0.454	0.469	0.451	5.5
Pyridine		1.070	1.160	1.263	1.314	1.302	1.255	8.2
2-Fluorophenol		1.148	1.112	1.158	1.144	1.138	1.144	2.1
Benzaldehyde		0.738	0.837	0.873	0.787	0.718	0.745	13.4
Aniline		1.352	1.373	1.321	1.343	1.314	1.360	2.9
Phenol-d6		1.520	1.519	1.619	1.664	1.658	1.622	4.6
Phenol		1.439	1.715	1.819	1.842	1.861	1.782	9.3
bis(2-Chloroethyl)ether		1.495	1.511	1.591	1.602	1.374	1.508	5.9
2-Chlorophenol		1.361	1.330	1.375	1.377	1.371	1.375	2.2
1,2-Dichlorobenzene		1.581	1.510	1.522	1.474	1.455	1.491	3.7
1,3-Dichlorobenzene		1.595	1.514	1.511	1.452	1.422	1.477	4.7
1,4-Dichlorobenzene		1.632	1.557	1.528	1.484	1.448	1.505	4.9
Benzyl Alcohol		0.739	0.798	0.971	1.052	1.058	0.966	14.6
2-Methylphenol		1.078	1.080	1.188	1.214	1.213	1.181	6.3
2,2-oxybis(1-Chloropropane)		2.012	1.918	1.948	1.886	1.851	1.901	3.6
Acetophenone		0.446	0.451	0.469	0.474	0.466	0.464	2.7
3+4-Methylphenols		1.510	1.482	1.640	1.732	1.736	1.662	7.4
n-Nitroso-di-n-propylamine	0.933	0.990	1.096	1.188	1.225	1.239	1.144	10.9
Nitrobenzene-d5		0.288	0.295	0.320	0.324	0.325	0.315	5.4
Hexachloroethane		0.494	0.473	0.502	0.494	0.488	0.492	2.5
Nitrobenzene		0.323	0.320	0.341	0.343	0.340	0.337	3.3
Isophorone		0.591	0.605	0.650	0.672	0.663	0.646	5.4
2-Nitrophenol		0.129	0.134	0.154	0.167	0.170	0.159	13.0
2,4-Dimethylphenol		0.187	0.193	0.205	0.210	0.207	0.204	5.1
bis(2-Chloroethoxy)methane		0.364	0.386	0.402	0.400	0.393	0.391	3.5
2,4-Dichlorophenol		0.253	0.259	0.277	0.289	0.286	0.279	6.2
1,2,4-Trichlorobenzene		0.313	0.303	0.306	0.298	0.293	0.302	2.3
Benzoic acid			0.119	0.156	0.202	0.209	0.192	23.7
Naphthalene		1.083	1.031	1.030	1.001	0.979	1.009	4.4
4-Chloroaniline		0.355	0.364	0.387	0.401	0.395	0.386	5.0
Hexachlorobutadiene		0.187	0.174	0.178	0.174	0.169	0.175	3.3
Caprolactam		0.090	0.105	0.110	0.121	0.120	0.113	10.6
4-Chloro-3-methylphenol		0.290	0.314	0.333	0.342	0.340	0.330	6.3
2-Methylnaphthalene		0.767	0.737	0.746	0.741	0.729	0.738	2.5
Hexachlorocyclopentadiene		0.136	0.135	0.162	0.167	0.164	0.158	9.9
2,4,6-Trichlorophenol		0.299	0.321	0.344	0.352	0.353	0.341	6.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE091724

SAS No.: BE091724

SDG No.: BE091724

Instrument ID: _____

Calibration Date(s): 9/17/2024 : _____

Calibration Time(s): 09:41 _____

LAB FILE ID:		RRF2.5 = BE101344.D			RRF005 = BE101345.D		RRF010 = BE101346.D	
		RRF020 = BE101347.D			RRF040 = BE101348.D		RRF050 = BE101349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.319	1.255	1.249	1.158	1.105	1.157	11.0
2,4,5-Trichlorophenol		0.342	0.354	0.388	0.395	0.400	0.385	6.9
1,1-Biphenyl		1.451	1.380	1.410	1.346	1.323	1.355	4.9
2-Chloronaphthalene		1.113	1.062	1.093	1.061	1.048	1.066	2.8
2-Nitroaniline		0.215	0.238	0.291	0.311	0.312	0.287	15.0
Dimethylphthalate		1.568	1.532	1.515	1.428	1.394	1.443	7.0
Acenaphthylene		1.636	1.619	1.664	1.596	1.573	1.591	3.9
2,6-Dinitrotoluene		0.289	0.309	0.332	0.331	0.331	0.323	5.4
3-Nitroaniline		0.259	0.311	0.340	0.350	0.355	0.332	11.0
Acenaphthene		1.134	1.069	1.082	1.042	1.026	1.049	5.1
2,4-Dinitrophenol			0.135	0.173	0.201	0.210	0.192	16.9
4-Nitrophenol		0.205	0.247	0.288	0.292	0.294	0.276	13.3
Dibenzofuran		1.813	1.743	1.748	1.635	1.605	1.656	7.2
2,4-Dinitrotoluene		0.348	0.410	0.455	0.461	0.467	0.440	10.3
Diethylphthalate		1.615	1.607	1.585	1.502	1.446	1.497	7.7
4-Chlorophenyl-phenylether		0.727	0.701	0.707	0.680	0.669	0.685	4.4
Fluorene		1.507	1.460	1.470	1.392	1.370	1.396	6.7
4-Nitroaniline		0.245	0.312	0.364	0.374	0.378	0.346	14.5
4,6-Dinitro-2-methylphenol			0.085	0.103	0.118	0.120	0.114	14.7
n-Nitrosodiphenylamine		0.551	0.535	0.548	0.542	0.525	0.533	3.2
Azobenzene		1.309	1.349	1.356	1.288	1.256	1.280	5.4
2,4,6-Tribromophenol		0.318	0.330	0.345	0.344	0.341	0.336	3.2
4-Bromophenyl-phenylether		0.209	0.201	0.207	0.210	0.205	0.208	2.0
Hexachlorobenzene		0.269	0.262	0.266	0.273	0.267	0.269	1.6
Atrazine		0.191	0.195	0.189	0.176	0.166	0.176	9.3
Pentachlorophenol		0.122	0.142	0.155	0.172	0.172	0.160	13.7
Phenanthrene		1.058	1.022	1.005	0.956	0.917	0.950	9.3
Anthracene		0.982	0.974	0.984	0.945	0.902	0.924	7.4
Carbazole		1.008	1.008	1.010	0.959	0.921	0.947	7.5
Di-n-butylphthalate		1.077	1.152	1.166	1.081	1.004	1.040	11.0
Fluoranthene		1.331	1.288	1.259	1.153	1.064	1.144	14.1
Benzidine		0.326	0.342	0.342	0.391	0.342	0.332	18.1
Pyrene		1.234	1.213	1.208	1.126	1.068	1.112	10.6
Terphenyl-d14		1.063	1.028	0.960	0.767	0.692	0.902	18.2
Butylbenzylphthalate		0.455	0.479	0.517	0.514	0.503	0.492	4.8
3,3-Dichlorobenzidine		0.389	0.424	0.466	0.475	0.458	0.440	7.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BE091724 SAS No.: BE091724 SDG No.: BE091724
Instrument ID: _____ Calibration Date(s): 9/17/2024 : _____
Calibration Time(s): 09:41 _____

LAB FILE ID:		RRF2.5 = BE101344.D			RRF005 = BE101345.D		RRF010 = BE101346.D	
		RRF020 = BE101347.D			RRF040 = BE101348.D		RRF050 = BE101349.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.271	1.245	1.248	1.137	1.059	1.123	12.7
Chrysene		1.256	1.220	1.199	1.069	0.999	1.079	14.1
Bis(2-ethylhexyl)phthalate		0.596	0.641	0.703	0.692	0.669	0.651	6.4
Di-n-octyl phthalate		1.072	1.120	1.198	1.105	1.057	1.063	9.3
Benzo(b)fluoranthene		1.150	1.122	1.120	1.040	0.980	1.036	9.9
Benzo(k)fluoranthene		1.059	1.059	1.062	0.988	0.956	0.978	9.7
Benzo(a)pyrene		0.944	0.946	0.965	0.929	0.905	0.914	5.3
Indeno(1,2,3-cd)pyrene		1.344	1.347	1.377	1.341	1.309	1.318	4.1
Dibenzo(a,h)anthracene		1.124	1.133	1.158	1.140	1.100	1.103	5.2
Benzo(g,h,i)perylene		1.145	1.116	1.147	1.137	1.112	1.120	2.6
1,2,4,5-Tetrachlorobenzene		0.496	0.465	0.486	0.478	0.475	0.482	2.1
1,4-Dioxane		0.471	0.435	0.454	0.426	0.423	0.436	4.9
2,3,4,6-Tetrachlorophenol		0.343	0.356	0.370	0.369	0.366	0.364	3.1
1-Methylnaphthalene		0.772	0.748	0.748	0.744	0.729	0.740	2.9

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.: BE091924 SAS No.: BE091924 SDG NO.: BE091924

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

Lab File ID: BE101348.D Time Analyzed: 09:53

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	168771	7.576	869339	10.34	646242	14.19
UPPER LIMIT	337542	8.076	1738678	10.843	1292484	14.686
LOWER LIMIT	84385.5	7.076	434669.5	9.843	323121	13.686
EPA SAMPLE NO.						
01 PB163138BL	128515	7.58	554225	10.34	372044	14.18
02 MDL-SOIL-03-QT2-2024	137432	7.58	671135	10.34	492772	14.18
03 MDL-SOIL-03-QT2-2024	131309	7.58	619481	10.34	448629	14.18
04 MDL-WATER-03-QT2-2024	139081	7.57	667583	10.34	479436	14.18
05 MDL-WATER-03-QT2-2024	143033	7.58	677968	10.34	488431	14.19
06 PB163139BL	128093	7.57	533234	10.34	336195	14.18

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.: BE091924 SAS No.: BE091924 SDG NO.: BE091924

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

Lab File ID: BE101370.D Time Analyzed: 09:53

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	155341	7.576	778404	10.34	575851	14.19
UPPER LIMIT	310682	8.076	1556808	10.844	1151702	14.686
LOWER LIMIT	77670.5	7.076	389202	9.844	287925.5	13.686
EPA SAMPLE NO.						
01 PB163138BL	128515	7.58	554225	10.34	372044	14.18
02 MDL-SOIL-03-QT2-2024	137432	7.58	671135	10.34	492772	14.18
03 MDL-SOIL-03-QT2-2024	131309	7.58	619481	10.34	448629	14.18
04 MDL-WATER-03-QT2-2024	139081	7.57	667583	10.34	479436	14.18
05 MDL-WATER-03-QT2-2024	143033	7.58	677968	10.34	488431	14.19
06 PB163139BL	128093	7.57	533234	10.34	336195	14.18

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.: BE091924 SAS No.: BE091924 SDG NO.: BE091924

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

Lab File ID: BE101348.D Time Analyzed: 09:53

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.44961e+04	16.924	1.5443e+04	21.084	1.94379e+04	23.375
UPPER LIMIT	2899220	17.424	3088600	21.584	3887580	23.875
LOWER LIMIT	724805	16.424	772150	20.584	971895	22.875
EPA SAMPLE NO.						
01 PB163138BL	938865	16.92	1.1944e+0	21.08	1.59819e+	23.37
02 MDL-SOIL-03-QT2-2024	1.1909e	16.92	1.40909e+	21.08	1.78837e+	23.37
03 MDL-SOIL-03-QT2-2024	1.09285	16.92	1.33251e+	21.08	1.63304e+	23.37
04 MDL-WATER-03-QT2-2024	1.10766	16.92	1.23527e+	21.08	1.5056e+0	23.37
05 MDL-WATER-03-QT2-2024	1.12727	16.92	1.3446e+0	21.08	1.6567e+0	23.37
06 PB163139BL	812706	16.92	1.13944e+	21.08	1.53287e+	23.37

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.: BE091924 SAS No.: BE091924 SDG NO.: BE091924

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

Lab File ID: BE101370.D Time Analyzed: 09:53

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.31493e+04	16.924	1.42281e+04	21.084	1.78278e+04	23.376
UPPER LIMIT	2629860	17.424	2845620	21.584	3565560	23.876
LOWER LIMIT	657465	16.424	711405	20.584	891390	22.876
EPA SAMPLE NO.						
01 PB163138BL	938865	16.92	1.1944e+0	21.08	1.59819e+0	23.37
02 MDL-SOIL-03-QT2-2024	1.1909e	16.92	1.40909e+	21.08	1.78837e+	23.37
03 MDL-SOIL-03-QT2-2024	1.09285	16.92	1.33251e+	21.08	1.63304e+	23.37
04 MDL-WATER-03-QT2-2024	1.10766	16.92	1.23527e+	21.08	1.5056e+0	23.37
05 MDL-WATER-03-QT2-2024	1.12727	16.92	1.3446e+0	21.08	1.6567e+0	23.37
06 PB163139BL	812706	16.92	1.13944e+	21.08	1.53287e+	23.37

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163138BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE091924

SAS No.: BE091924 SDG NO.: BE091924

Lab File ID: BE101371.D

Lab Sample ID: PB163138BL

Instrument ID: BNA_E

Date Extracted: 09/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 09:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT2-2024	P2403-03	BE101372.D	09/19/2024
MDL-SOIL-03-QT2-2024	P2403-03	BE101373.D	09/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163139BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE091924

SAS No.: BE091924 SDG NO.: BE091924

Lab File ID: BE101376.D

Lab Sample ID: PB163139BL

Instrument ID: BNA_E

Date Extracted: 09/04/2024

Matrix: (soil/water) Water

Date Analyzed: 09/19/2024

Level: (low/med) LOW

Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT2-2024	P2403-09	BE101374.D	09/19/2024
MDL-WATER-03-QT2-2024	P2403-09	BE101375.D	09/19/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BE091924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-03	MDL-SOIL-03-QT	BE101372.D	2-Fluorophenol	150	122.93	82		18	112
		BE101373.D	2-Fluorophenol	150	141.54	94		18	112
		BE101372.D	Phenol-d6	150	119.94	80		15	107
		BE101373.D	Phenol-d6	150	135.72	90		15	107
		BE101372.D	Nitrobenzene-d5	100	85.77	86		18	107
		BE101373.D	Nitrobenzene-d5	100	104.22	104		18	107
			2-Fluorobiphenyl	100	102.63	103		20	109
		BE101372.D	2-Fluorobiphenyl	100	85.53	86		20	109
			2,4,6-Tribromophenol	150	130.19	87		10	116
		BE101373.D	2,4,6-Tribromophenol	150	153.92	103		10	116
		BE101372.D	Terphenyl-d14	100	65.61	66		10	105
		BE101373.D	Terphenyl-d14	100	75.88	76		10	105
PB163138BL	PB163138BL	BE101371.D	2-Fluorophenol	150	136.21	91		18	112
			Phenol-d6	150	122.33	82		15	107
			Nitrobenzene-d5	100	82.66	83		18	107
			2-Fluorobiphenyl	100	87.41	87		20	109
			2,4,6-Tribromophenol	150	125.98	84		10	116
			Terphenyl-d14	100	75.77	76		10	105

Surrogate Summary

SW-846

SDG No.: BE091924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-09	MDL-WATER-03-C	BE101374.D	2-Fluorophenol	150	122.93	82		10	139
		BE101375.D	2-Fluorophenol	150	142.78	95		10	139
			Phenol-d6	150	136.45	91		10	134
		BE101374.D	Phenol-d6	150	116.19	77		10	134
			Nitrobenzene-d5	100	85.79	86		49	133
		BE101375.D	Nitrobenzene-d5	100	105.18	105		49	133
			2-Fluorobiphenyl	100	101.78	102		52	132
		BE101374.D	2-Fluorobiphenyl	100	88.42	88		52	132
		BE101375.D	2,4,6-Tribromophenol	150	148.39	99		44	137
		BE101374.D	2,4,6-Tribromophenol	150	127.34	85		44	137
			Terphenyl-d14	100	71.39	71		48	125
		BE101375.D	Terphenyl-d14	100	75.58	76		48	125
		BE101376.D	2-Fluorophenol	150	134.46	90		10	139
			Phenol-d6	150	118.86	79		10	134
PB163139BL	PB163139BL		Nitrobenzene-d5	100	83.59	84		49	133
			2-Fluorobiphenyl	100	90.36	90		52	132
			2,4,6-Tribromophenol	150	118.62	79		44	137
			Terphenyl-d14	100	73.89	74		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BE091924

Lab Code: CHEM

SAS No.: BE091924 SDG NO.: BE091924

Lab File ID: BE101369.D

DFTPP Injection Date: 09/19/2024

Instrument ID: BNA_E

DFTPP Injection Time: 08:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	19.1
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	19.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	28.5
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.1
275	10.0 - 60.0% of mass 198	20.2
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	16.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BE101370.D	09/19/2024	09:14
PB163138BL	PB163138BL	BE101371.D	09/19/2024	09:53
MDL-SOIL-03-QT2-2024	P2403-03	BE101372.D	09/19/2024	10:29
MDL-SOIL-03-QT2-2024	P2403-03	BE101373.D	09/19/2024	11:04
MDL-WATER-03-QT2-2024	P2403-09	BE101374.D	09/19/2024	11:43
MDL-WATER-03-QT2-2024	P2403-09	BE101375.D	09/19/2024	12:34
PB163139BL	PB163139BL	BE101376.D	09/19/2024	13:16
SSTDCCC040EC	SSTDCCC040	BE101377.D	09/19/2024	14:39