

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111124 SAS No.: BP111124 SDG No.: BP111124

Instrument ID: BNA_P Calibration Date/Time: 11/11/2024 : 10:12

Lab File ID: BP023007.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	0.557	0.647		16.158	
Pyridine	1.155	1.176		1.818	
2-Fluorophenol	1.054	1.074		1.898	
Benzaldehyde	0.849	0.823		-3.062	
Aniline	1.225	1.236		0.898	
Phenol-d6	1.470	1.457		-0.884	
Phenol	1.456	1.460		0.275	20.0
bis(2-Chloroethyl) ether	1.100	1.101		0.091	
2-Chlorophenol	1.105	1.105		0.0	
1,2-Dichlorobenzene	1.392	1.398		0.431	
1,3-Dichlorobenzene	1.410	1.437		1.915	
1,4-Dichlorobenzene	1.440	1.456		1.111	20.0
Benzyl Alcohol	1.113	1.125		1.078	
2-Methylphenol	0.988	0.997		0.911	
2,2-oxybis(1-Chloropropane)	1.193	1.199		0.503	
Acetophenone	0.532	0.504		-5.263	
3+4-Methylphenols	1.381	1.418		2.679	
n-Nitroso-di-n-propylamine	1.006	1.030	0.050	2.386	
Nitrobenzene-d5	0.423	0.423		0.0	
Hexachloroethane	0.533	0.556		4.315	
Nitrobenzene	0.430	0.427		-0.698	
Isophorone	0.717	0.688		-4.045	
2-Nitrophenol	0.177	0.173		-2.26	20.0
2,4-Dimethylphenol	0.202	0.195		-3.465	
bis(2-Chloroethoxy) methane	0.407	0.398		-2.211	
2,4-Dichlorophenol	0.349	0.357		2.292	20.0
1,2,4-Trichlorobenzene	0.446	0.450		0.897	
Benzoic acid	0.242	0.242		0.0	
Naphthalene	1.002	0.978		-2.395	
4-Chloroaniline	0.357	0.364		1.961	
Hexachlorobutadiene	0.327	0.338		3.364	20.0
Caprolactam	0.104	0.106		1.923	
4-Chloro-3-methylphenol	0.389	0.407		4.627	20.0
2-Methylnaphthalene	0.751	0.778		3.595	
Hexachlorocyclopentadiene	0.190	0.197	0.050	3.684	
2,4,6-Trichlorophenol	0.431	0.415		-3.712	20.0
2-Fluorobiphenyl	1.400	1.325		-5.357	
2,4,5-Trichlorophenol	0.490	0.469		-4.286	
1,1-Biphenyl	1.330	1.263		-5.038	

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Lab File ID: BP023007.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	1.103	1.058		-4.08	
2-Nitroaniline	0.321	0.332		3.427	
Dimethylphthalate	1.464	1.414		-3.415	
Acenaphthylene	1.541	1.510		-2.012	
2,6-Dinitrotoluene	0.333	0.326		-2.102	
3-Nitroaniline	0.271	0.280		3.321	
Acenaphthene	0.991	0.969		-2.22	20.0
2,4-Dinitrophenol	0.207	0.212	0.050	2.415	
4-Nitrophenol	0.222	0.238	0.050	7.207	
Dibenzofuran	1.740	1.789		2.816	
2,4-Dinitrotoluene	0.481	0.499		3.742	
Diethylphthalate	1.456	1.495		2.679	
4-Chlorophenyl-phenylether	0.852	0.876		2.817	
Fluorene	1.446	1.471		1.729	
4-Nitroaniline	0.278	0.305		9.712	
4,6-Dinitro-2-methylphenol	0.122	0.124		1.639	
n-Nitrosodiphenylamine	0.494	0.476		-3.644	20.0
Azobenzene	1.252	1.364		8.946	
2,4,6-Tribromophenol	0.388	0.415		6.959	
4-Bromophenyl-phenylether	0.240	0.232		-3.333	
Hexachlorobenzene	0.307	0.298		-2.932	
Atrazine	0.167	0.172		2.994	
Pentachlorophenol	0.196	0.197		0.51	20.0
Phenanthrene	0.968	0.956		-1.24	
Anthracene	0.929	0.938		0.969	
Carbazole	0.887	0.893		0.676	
Di-n-butylphthalate	0.989	1.024		3.539	
Fluoranthene	1.343	1.345		0.149	20.0
Benzidine	0.395	0.428		8.354	
Pyrene	1.184	1.188		0.338	
Terphenyl-d14	1.065	1.078		1.221	
Butylbenzylphthalate	0.404	0.414		2.475	
3,3-Dichlorobenzidine	0.504	0.504		0.0	
Benzo(a)anthracene	1.245	1.231		-1.124	
Chrysene	1.166	1.177		0.943	
Bis(2-ethylhexyl)phthalate	0.579	0.595		2.763	
Di-n-octyl phthalate	0.968	1.012		4.545	20.0
Benzo(b)fluoranthene	1.175	1.185		0.851	
Benzo(k)fluoranthene	1.110	1.130		1.802	

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Lab Code: CHEM Case No.: BP111124 SAS No.: BP111124 SDG No.: BP111124

Instrument ID: BNA_P Calibration Date/Time: 11/11/2024 : 10:12

Lab File ID: BP023007.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	1.005	1.012		0.697	20.0
Indeno(1,2,3-cd)pyrene	1.349	1.354		0.371	
Dibenzo(a,h)anthracene	1.106	1.117		0.995	
Benzo(g,h,i)perylene	1.133	1.111		-1.942	
1,2,4,5-Tetrachlorobenzene	0.677	0.644		-4.874	
1,4-Dioxane	0.421	0.434		3.088	20.0
2,3,4,6-Tetrachlorophenol	0.473	0.487		2.96	
1-Methylnaphthalene	0.745	0.768		3.087	

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.: BP111124 SAS No.: BP111124 SDG No.: BP111124
Instrument ID: BNA_P Calibration Date/Time: 11/11/2024 : 15:01
Lab File ID: BP023014.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	0.557	0.653		17.235	50.0
Pyridine	1.155	1.149		-0.519	50.0
2-Fluorophenol	1.054	1.023		-2.941	50.0
Benzaldehyde	0.849	0.846		-0.353	50.0
Aniline	1.225	1.192		-2.694	50.0
Phenol-d6	1.470	1.419		-3.469	50.0
Phenol	1.456	1.408		-3.297	50.0
bis(2-Chloroethyl)ether	1.100	1.038		-5.636	50.0
2-Chlorophenol	1.105	1.076		-2.624	50.0
1,2-Dichlorobenzene	1.392	1.376		-1.149	50.0
1,3-Dichlorobenzene	1.410	1.363		-3.333	50.0
1,4-Dichlorobenzene	1.440	1.408		-2.222	50.0
Benzyl Alcohol	1.113	1.120		0.629	50.0
2-Methylphenol	0.988	0.987		-0.101	50.0
2,2-oxybis(1-Chloropropane)	1.193	1.184		-0.754	50.0
Acetophenone	0.532	0.508		-4.511	50.0
3+4-Methylphenols	1.381	1.387		0.434	50.0
n-Nitroso-di-n-propylamine	1.006	1.023	0.050	1.69	50.0
Nitrobenzene-d5	0.423	0.438		3.546	50.0
Hexachloroethane	0.533	0.551		3.377	50.0
Nitrobenzene	0.430	0.439		2.093	50.0
Isophorone	0.717	0.711		-0.837	50.0
2-Nitrophenol	0.177	0.174		-1.695	50.0
2,4-Dimethylphenol	0.202	0.193		-4.455	50.0
bis(2-Chloroethoxy)methane	0.407	0.394		-3.194	50.0
2,4-Dichlorophenol	0.349	0.356		2.006	50.0
1,2,4-Trichlorobenzene	0.446	0.444		-0.448	50.0
Benzoic acid	0.242	0.242		0.0	50.0
Naphthalene	1.002	1.000		-0.2	50.0
4-Chloroaniline	0.357	0.370		3.641	50.0
Hexachlorobutadiene	0.327	0.339		3.67	50.0
Caprolactam	0.104	0.103		-0.962	50.0
4-Chloro-3-methylphenol	0.389	0.412		5.913	50.0
2-Methylnaphthalene	0.751	0.789		5.06	50.0
Hexachlorocyclopentadiene	0.190	0.200	0.050	5.263	50.0
2,4,6-Trichlorophenol	0.431	0.413		-4.176	50.0
2-Fluorobiphenyl	1.400	1.316		-6.0	50.0
2,4,5-Trichlorophenol	0.490	0.465		-5.102	50.0
1,1-Biphenyl	1.330	1.282		-3.609	50.0

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Lab File ID: BP023014.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.103	1.043		-5.44	50.0
2-Nitroaniline	0.321	0.331		3.115	50.0
Dimethylphthalate	1.464	1.413		-3.484	50.0
Acenaphthylene	1.541	1.521		-1.298	50.0
2,6-Dinitrotoluene	0.333	0.324		-2.703	50.0
3-Nitroaniline	0.271	0.278		2.583	50.0
Acenaphthene	0.991	0.965		-2.624	50.0
2,4-Dinitrophenol	0.207	0.206	0.050	-0.483	50.0
4-Nitrophenol	0.222	0.230	0.050	3.604	50.0
Dibenzofuran	1.740	1.757		0.977	50.0
2,4-Dinitrotoluene	0.481	0.501		4.158	50.0
Diethylphthalate	1.456	1.504		3.297	50.0
4-Chlorophenyl-phenylether	0.852	0.879		3.169	50.0
Fluorene	1.446	1.487		2.835	50.0
4-Nitroaniline	0.278	0.286		2.878	50.0
4,6-Dinitro-2-methylphenol	0.122	0.116		-4.918	50.0
n-Nitrosodiphenylamine	0.494	0.461		-6.68	50.0
Azobenzene	1.252	1.389		10.942	50.0
2,4,6-Tribromophenol	0.388	0.408		5.155	50.0
4-Bromophenyl-phenylether	0.240	0.226		-5.833	50.0
Hexachlorobenzene	0.307	0.286		-6.84	50.0
Atrazine	0.167	0.162		-2.994	50.0
Pentachlorophenol	0.196	0.185		-5.612	50.0
Phenanthrene	0.968	0.928		-4.132	50.0
Anthracene	0.929	0.895		-3.66	50.0
Carbazole	0.887	0.859		-3.157	50.0
Di-n-butylphthalate	0.989	0.968		-2.123	50.0
Fluoranthene	1.343	1.320		-1.713	50.0
Benzidine	0.395	0.533		34.937	50.0
Pyrene	1.184	1.174		-0.845	50.0
Terphenyl-d14	1.065	1.052		-1.221	50.0
Butylbenzylphthalate	0.404	0.403		-0.248	50.0
3,3-Dichlorobenzidine	0.504	0.489		-2.976	50.0
Benzo(a)anthracene	1.245	1.220		-2.008	50.0
Chrysene	1.166	1.154		-1.029	50.0
Bis(2-ethylhexyl)phthalate	0.579	0.594		2.591	50.0
Di-n-octyl phthalate	0.968	0.977		0.93	50.0
Benzo(b)fluoranthene	1.175	1.172		-0.255	50.0
Benzo(k)fluoranthene	1.110	1.103		-0.631	50.0

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.005	1.005		0.0	50.0
Indeno(1,2,3-cd)pyrene	1.349	1.344		-0.371	50.0
Dibenzo(a,h)anthracene	1.106	1.113		0.633	50.0
Benzo(g,h,i)perylene	1.133	1.123		-0.883	50.0
1,2,4,5-Tetrachlorobenzene	0.677	0.626		-7.533	50.0
1,4-Dioxane	0.421	0.409		-2.85	50.0
2,3,4,6-Tetrachlorophenol	0.473	0.487		2.96	50.0
1-Methylnaphthalene	0.745	0.779		4.564	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BP111124
Lab Sample ID:	PB164401BL	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
BP023008.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BP111124
Lab Sample ID:	PB164401BL	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
BP023008.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BP111124
Lab Sample ID:	PB164401BL	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
BP023008.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

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	143.474		18-112		96	SPK: -150
13127-88-3	Phenol-d6	131.748		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	91.138		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	93.775		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	PB164401BL	SDG No.:	BP111124
Lab Sample ID:	PB164401BL	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
BP023008.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.781		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	100.129		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78976	7.587				
1146-65-2	Naphthalene-d8	272503	10.334				
15067-26-2	Acenaphthene-d10	203397	14.204				
1517-22-2	Phenanthrene-d10	518805	17.022				
1719-03-5	Chrysene-d12	606991	21.451				
1520-96-3	Perylene-d12	661341	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.775	
000556-67-2	Cyclotetrasiloxane, octamethyl-	140	J			6.728	

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023009.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

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

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023009.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	130	J	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	120	J	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	97	J	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	120	J	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	130	J	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	J	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	97.6	J	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	120	J	81.1	130	170	ug/Kg
Total PAH	Total PAH	1900	J	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	120	J	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	202.5	J	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.5	J	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	110	J	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	J	85.6	130	170	ug/Kg
86-73-7	Fluorene	120	J	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	120	J	81.6	130	170	ug/Kg
103-33-3	Azobenzene	120	J	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	J	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	85	130	170	ug/Kg
1912-24-9	Atrazine	140	J	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023009.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.1	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	130	J	84	130	170	ug/Kg
120-12-7	Anthracene	120	J	84.4	130	170	ug/Kg
86-74-8	Carbazole	110	J	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	J	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	110	J	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	110	J	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	80.7	130	170	ug/Kg
218-01-9	Chrysene	120	J	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91.7	J	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	J	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	150	J	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	110	J	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.136		18-112		74	SPK: -150
13127-88-3	Phenol-d6	110.291		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	83.875		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	80.858		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023009.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.136		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	80.064		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46904	7.593				
1146-65-2	Naphthalene-d8	173620	10.34				
15067-26-2	Acenaphthene-d10	145272	14.21				
1517-22-2	Phenanthrene-d10	372032	17.022				
1719-03-5	Chrysene-d12	469181	21.445				
1520-96-3	Perylene-d12	581770	24.68				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023010.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	J	86.8	270	330	ug/Kg
110-86-1	Pyridine	230		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	360		180	270	330	ug/Kg
62-53-3	Aniline	340		96.9	130	170	ug/Kg
108-95-2	Phenol	270		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	270		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	260		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	250		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	250		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	230	J	83	270	330	ug/Kg
95-48-7	2-Methylphenol	260		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	280		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	250	J	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	260		83	130	170	ug/Kg
98-95-3	Nitrobenzene	290		90.8	130	170	ug/Kg
78-59-1	Isophorone	270		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	250		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	270		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	250		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	270		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	290		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	260		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023010.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	J	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	280		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	J	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	280		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	260		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	250		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	270		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	280		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	250		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	250		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	260		81.1	130	170	ug/Kg
Total PAH	Total PAH	4350		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	190	J	120	270	330	ug/Kg
132-64-9	Dibenzofuran	280		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	240		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	490		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	270		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280		85.6	130	170	ug/Kg
86-73-7	Fluorene	270		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	230		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	J	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270		81.6	130	170	ug/Kg
103-33-3	Azobenzene	280		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	260		85	130	170	ug/Kg
1912-24-9	Atrazine	350		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023010.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	210	J	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	280		84	130	170	ug/Kg
120-12-7	Anthracene	280		84.4	130	170	ug/Kg
86-74-8	Carbazole	270		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	260		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	270		81.7	130	170	ug/Kg
92-87-5	Benzidine	290	J	160	270	330	ug/Kg
129-00-0	Pyrene	250		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	240		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	250	J	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	270		80.7	130	170	ug/Kg
218-01-9	Chrysene	280		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	250	J	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	280		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	310		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	260		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.624		18-112		77	SPK: -150
13127-88-3	Phenol-d6	118.945		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	91.337		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	86.744		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023010.D	1	10/25/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.135		10-116		92	SPK: -150
1718-51-0	Terphenyl-d14	87.745		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54138	7.587				
1146-65-2	Naphthalene-d8	199964	10.34				
15067-26-2	Acenaphthene-d10	170406	14.216				
1517-22-2	Phenanthrene-d10	447113	17.016				
1719-03-5	Chrysene-d12	571926	21.451				
1520-96-3	Perylene-d12	685062	24.686				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023011.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

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	3.4	J	1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.3	J	4	8	10	ug/L
62-53-3	Aniline	4.7	J	1.6	4	5	ug/L
108-95-2	Phenol	3.8	J	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	4	J	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	3.8	J	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	3.8	J	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	3.8	J	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	3.8	J	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	2.5	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	3.5	J	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.1	J	1.4	4	5	ug/L
98-86-2	Acetophenone	3.7	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	3.6		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	J	1.3	4	5	ug/L
78-59-1	Isophorone	3.3	J	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	3.1	J	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3.5	J	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	3.3	J	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	3.3	J	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	3.6	J	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	3.5	J	1	4	5	ug/L
106-47-8	4-Chloroaniline	3.9	J	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	3.5	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023011.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	3.1	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3	J	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	3.5	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	3.1	J	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.2	J	1	4	5	ug/L
92-52-4	1,1-Biphenyl	3.8	J	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	3.6	J	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	3	J	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.5	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	3.6	J	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	3	J	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	3.2	J	1.4	4	5	ug/L
83-32-9	Acenaphthene	3.5	J	0.81	4	5	ug/L
Total PAH	Total PAH	56.8	J	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	3.7	J	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.7	J	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5.7	J	2.7	4	10	ug/L
84-66-2	Diethylphthalate	3.3	J	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.5	J	0.98	4	5	ug/L
86-73-7	Fluorene	3.5	J	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2.6	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	3.7	J	0.89	4	5	ug/L
103-33-3	Azobenzene	3.3	J	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.5	J	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	3.5	J	1.1	4	5	ug/L
1912-24-9	Atrazine	4.2	J	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023011.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.7	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	3.7	J	0.89	4	5	ug/L
120-12-7	Anthracene	3.7	J	1.1	4	5	ug/L
86-74-8	Carbazole	3.4	J	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.9	J	1.5	4	5	ug/L
206-44-0	Fluoranthene	3.3	J	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	3.3	J	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	J	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.1	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	3.7	J	0.94	4	5	ug/L
218-01-9	Chrysene	3.7	J	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.7	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.8	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.4	J	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.6	J	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	3.5	J	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.6	J	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.8	J	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.4	J	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.7	J	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	4	J	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.3	J	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	3.3	J	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.953		10-139		75	SPK: -150
13127-88-3	Phenol-d6	111.265		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	81.656		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	79.785		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023011.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.22		44-137		74	SPK: -150
1718-51-0	Terphenyl-d14	78.48		48-125		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54362	7.587				
1146-65-2	Naphthalene-d8	205045	10.339				
15067-26-2	Acenaphthene-d10	162991	14.216				
1517-22-2	Phenanthrene-d10	398652	17.021				
1719-03-5	Chrysene-d12	485625	21.456				
1520-96-3	Perylene-d12	601282	24.686				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023012.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	8.6	J	1	8	10	ug/L
110-86-1	Pyridine	7.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10.7		4	8	10	ug/L
62-53-3	Aniline	10.2		1.6	4	5	ug/L
108-95-2	Phenol	8.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	8.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	7.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	7.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	7.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	7.2	J	1.6	8	10	ug/L
95-48-7	2-Methylphenol	8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.1		1.4	4	5	ug/L
98-86-2	Acetophenone	8.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	7.7	J	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	8.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	8.1		1	4	5	ug/L
98-95-3	Nitrobenzene	8.6		1.3	4	5	ug/L
78-59-1	Isophorone	8.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	7.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	7.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	8.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	7.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	6.5	J	5.5	8	10	ug/L
91-20-3	Naphthalene	8.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	8.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	7.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023012.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	7.6	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	8.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	7.8	J	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	7.8		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	7.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	8.6		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	8.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	7.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	8.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	8.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	7.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	7.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	7.9		0.81	4	5	ug/L
Total PAH	Total PAH	132.2		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	5.3	J	2	8	10	ug/L
132-64-9	Dibenzofuran	8.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	7.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	8.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	8.3		0.98	4	5	ug/L
86-73-7	Fluorene	8.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	6.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.9	J	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	8.1		0.89	4	5	ug/L
103-33-3	Azobenzene	8.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	7.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	7.9		1.1	4	5	ug/L
1912-24-9	Atrazine	10.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023012.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	6.5	J	1.9	8	10	ug/L
85-01-8	Phenanthrene	8.3		0.89	4	5	ug/L
120-12-7	Anthracene	8.5		1.1	4	5	ug/L
86-74-8	Carbazole	8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	7.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	7.8		1.3	4	5	ug/L
92-87-5	Benzidine	9.5	J	4.1	8	10	ug/L
129-00-0	Pyrene	7.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	7.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	7.8	J	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	8.4		0.94	4	5	ug/L
218-01-9	Chrysene	8.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.6		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	7.7	J	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	8.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	8.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	8.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	8.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	8.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	7.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	8.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	9.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	8.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	114.653		10-139		76	SPK: -150
13127-88-3	Phenol-d6	118.112		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	90.327		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	88.252		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT4-2024	SDG No.:	BP111124
Lab Sample ID:	P4368-09	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
BP023012.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.021		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	90.673		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55105	7.593				
1146-65-2	Naphthalene-d8	205503	10.34				
15067-26-2	Acenaphthene-d10	173650	14.21				
1517-22-2	Phenanthrene-d10	457647	17.016				
1719-03-5	Chrysene-d12	547682	21.457				
1520-96-3	Perylene-d12	679415	24.704				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BP111124
Lab Sample ID:	PB164382BL	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
BP023013.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BP111124
Lab Sample ID:	PB164382BL	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
BP023013.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BP111124
Lab Sample ID:	PB164382BL	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
BP023013.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

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	149.072		10-139		99	SPK: -150
13127-88-3	Phenol-d6	135.527		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	96.626		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	98.23		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	PB164382BL	SDG No.:	BP111124
Lab Sample ID:	PB164382BL	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
BP023013.D	1	10/24/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.85		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	96.15		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65018	7.587				
1146-65-2	Naphthalene-d8	223526	10.346				
15067-26-2	Acenaphthene-d10	164019	14.216				
1517-22-2	Phenanthrene-d10	407040	17.022				
1719-03-5	Chrysene-d12	511253	21.463				
1520-96-3	Perylene-d12	587942	24.716				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.7	A			4.781	
000556-67-2	Cyclotetrasiloxane, octamethyl-	4.1	J			6.728	

Hit Summary Sheet SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT4-2024								
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,1-Biphenyl	130.000	J	87.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,2,4,5-Tetrachlorobenzene	120.000	J	86.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,2,4-Trichlorobenzene	120.000	J	85.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,2-Dichlorobenzene	120.000	J	84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,3-Dichlorobenzene	120.000	J	86	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,4-Dichlorobenzene	130.000	J	86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1,4-Dioxane	150.000	J	110	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	1-Methylnaphthalene	110.000	J	83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,2-oxybis(1-Chloropropane)	130.000	J	90.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	74.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4,5-Trichlorophenol	110.000	J	74	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4,6-Trichlorophenol	110.000	J	71.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4-Dichlorophenol	100.000	J	75.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4-Dimethylphenol	120.000	J	93.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4-Dinitrotoluene	92.500	J	86.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,6-Dinitrotoluene	110.000	J	83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Chloronaphthalene	120.000	J	83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Chlorophenol	120.000	J	83.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Methylnaphthalene	120.000	J	82.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Methylphenol	110.000	J	80.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Nitroaniline	97.000	J	95	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2-Nitrophenol	110.000	J	94.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	3+4-Methylphenols	110.000	J	79.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	3,3-Dichlorobenzidine	100.000	J	98.6	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	3-Nitroaniline	97.600	J	89.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Bromophenyl-phenylether	120.000	J	78.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Chloro-3-methylphenol	110.000	J	77.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Chloroaniline	120.000	J	82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	4-Chlorophenyl-phenylether	120.000	J	85.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Acenaphthene	120.000	J	81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Acenaphthylene	130.000	J	86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Acetophenone	130.000	J	86.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Aniline	160.000	J	96.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Anthracene	120.000	J	84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Atrazine	140.000	J	91.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Azobenzene	120.000	J	79.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzaldehyde	180.000	J	180	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)anthracene	120.000	J	80.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)pyrene	120.000	J	93	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(b)fluoranthene	110.000	J	81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(g,h,i)perylene	110.000	J	80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(k)fluoranthene	120.000	J	82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethoxy)methane	120.000	J	85.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	bis(2-Chloroethyl)ether	130.000	J	83.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Bis(2-ethylhexyl)phthalate	91.700	J	91	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Caprolactam	110.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Carbazole	110.000	J	80.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Chrysene	120.000	J	79.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Di-n-butylphthalate	100.000	J	84.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Dibenzo(a,h)anthracene	120.000	J	81.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Dibenzofuran	120.000	J	84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Diethylphthalate	110.000	J	80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Dimethylphthalate	120.000	J	81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Fluoranthene	110.000	J	81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Fluorene	120.000	J	85.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Hexachlorobenzene	120.000	J	85	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Hexachlorobutadiene	120.000	J	83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Hexachloroethane	130.000	J	83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	78.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Isophorone	120.000	J	84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	n-Nitroso-di-n-propylamine	120.000		40.3	80	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	n-Nitrosodimethylamine	130.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	n-Nitrosodiphenylamine	120.000	J	81.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Naphthalene	120.000	J	82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Nitrobenzene	120.000	J	90.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Pentachlorophenol	87.100	J	77.3	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Phenanthrene	130.000	J	84	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Phenol	130.000	J	82.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Pyrene	110.000	J	83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Pyridine	110.000	J	79.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	202.000	J	169.4	340	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Total PAH	1,900.000	J	1325.1	2720	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,1-Biphenyl	280.000		87.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,2,4,5-Tetrachlorobenzene	270.000		86.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,2,4-Trichlorobenzene	270.000		85.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,2-Dichlorobenzene	260.000		84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,3-Dichlorobenzene	250.000		86	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,4-Dichlorobenzene	250.000		86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1,4-Dioxane	310.000		110	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	1-Methylnaphthalene	260.000		83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,2-oxybis(1-Chloropropane)	300.000		90.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,3,4,6-Tetrachlorophenol	280.000		74.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4,5-Trichlorophenol	240.000		74	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4,6-Trichlorophenol	240.000		71.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dichlorophenol	250.000		75.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dimethylphenol	270.000		93.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,4-Dinitrotoluene	240.000		86.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2,6-Dinitrotoluene	250.000		83.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Chloronaphthalene	260.000		83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Chlorophenol	270.000		83.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Methylnaphthalene	280.000		82.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Methylphenol	260.000		80.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Nitroaniline	250.000		95	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	2-Nitrophenol	250.000		94.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	3+4-Methylphenols	250.000	J	79.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	3,3-Dichlorobenzidine	250.000	J	98.6	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	3-Nitroaniline	250.000		89.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4,6-Dinitro-2-methylphenol	230.000	J	120	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Bromophenyl-phenylether	260.000		78.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Chloro-3-methylphenol	260.000		77.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Chloroaniline	290.000		82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Chlorophenyl-phenylether	280.000		85.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Nitroaniline	230.000		110	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	4-Nitrophenol	190.000	J	120	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthene	260.000		81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Acenaphthylene	280.000		86.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Acetophenone	280.000		86.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Aniline	340.000		96.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Anthracene	280.000		84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Atrazine	350.000		91.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Azobenzene	280.000		79.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzaldehyde	360.000		180	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzidine	290.000	J	160	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)anthracene	270.000		80.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(a)pyrene	280.000		93	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(b)fluoranthene	270.000		81.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-202	Solid	Benzo(g,h,i)perylene	250.000		80.1	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzo(k)fluoranthene	280.000		82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Benzyl Alcohol	230.000	J	83	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	bis(2-Chloroethoxy)methane	280.000		85.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	bis(2-Chloroethyl)ether	280.000		83.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Bis(2-ethylhexyl)phthalate	240.000		91	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Butylbenzylphthalate	240.000		96.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Caprolactam	270.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Carbazole	270.000		80.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Chrysene	280.000		79.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Di-n-butylphthalate	260.000		84.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Di-n-octyl phthalate	250.000	J	110	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Dibenzo(a,h)anthracene	280.000		81.2	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Dibenzofuran	280.000		84.4	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Diethylphthalate	270.000		80.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Dimethylphthalate	270.000		81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Fluoranthene	270.000		81.7	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Fluorene	270.000		85.5	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachlorobenzene	260.000		85	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachlorobutadiene	260.000		83.3	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachlorocyclopentadiene	270.000	J	160	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Hexachloroethane	260.000		83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Indeno(1,2,3-cd)pyrene	280.000		78.1	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Isophorone	270.000		84.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	n-Nitroso-di-n-propylamine	280.000		40.3	80	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	n-Nitrosodimethylamine	260.000	J	86.8	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	n-Nitrosodiphenylamine	270.000		81.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Naphthalene	270.000		82.6	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Nitrobenzene	290.000		90.8	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pentachlorophenol	210.000	J	77.3	330	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Phenanthrene	280.000		84	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Phenol	270.000		82.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pyrene	250.000		83	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Pyridine	230.000		79.9	170	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	2,4-Dinitrotoluene/2,6-Dinitrotolu	490.000		169.4	340	ug/Kg
P4368-03	MDL-SOIL-03-QT4-2024	Solid	Total PAH	4,350.000		1325.1	2720	ug/Kg

Total Svoc :

36,027.90

Total Concentration:

36,027.90

Client ID : MDL-WATER-03-QT4-2024

P4368-09	MDL-WATER-03-QT4-2024	Water	1,1-Biphenyl	3.800	J	0.91	5	ug/L
P4368-09	MDL-WATER-03-QT4-2024	Water	1,2,4,5-Tetrachlorobenzene	3.700	J	1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2,4-Trichlorobenzene	3.600	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2-Dichlorobenzene	3.800	J	0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,3-Dichlorobenzene	3.800	J	0.8	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,4-Dichlorobenzene	3.800	J	0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,4-Dioxane	4.000	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1-Methylnaphthalene	3.300	J	0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,2-oxybis(1-Chloropropane)	4.100	J	1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,3,4,6-Tetrachlorophenol	3.300	J	0.79	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,5-Trichlorophenol	3.200	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,6-Trichlorophenol	3.100	J	0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dichlorophenol	3.300	J	0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dimethylphenol	3.500	J	1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene	2.700	J	1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,6-Dinitrotoluene	3.000	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chloronaphthalene	3.600	J	0.97	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chlorophenol	3.800	J	0.71	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylnaphthalene	3.500	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylphenol	3.500	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitroaniline	3.000	J	1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitrophenol	3.100	J	2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3+4-Methylphenols	3.200	J	1.2	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3,3-Dichlorobenzidine	3.100	J	1.3	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3-Nitroaniline	3.200	J	1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Bromophenyl-phenylether	3.500	J	0.95	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloro-3-methylphenol	3.000	J	0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloroaniline	3.900	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chlorophenyl-phenylether	3.500	J	0.98	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Nitroaniline	2.600	J	2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthene	3.500	J	0.81	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthylene	3.600	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acetophenone	3.700	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Aniline	4.700	J	1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Anthracene	3.700	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Atrazine	4.200	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Azobenzene	3.300	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzaldehyde	5.300	J	4	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)anthracene	3.700	J	0.94	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)pyrene	3.500	J	1.7	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(b)fluoranthene	3.400	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(g,h,i)perylene	3.400	J	1.2	5	ug/L

Hit Summary Sheet
SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(k)fluoranthene	3.600	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzyl Alcohol	2.500	J	1.6	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethoxy)methane	3.300	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethyl)ether	4.000	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Bis(2-ethylhexyl)phthalate	2.700	J	1.9	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Butylbenzylphthalate	2.800	J	2.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Caprolactam	3.100	J	1.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Carbazole	3.400	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Chrysene	3.700	J	0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-butylphthalate	2.900	J	1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-octyl phthalate	2.800	J	2.5	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzo(a,h)anthracene	3.800	J	1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzofuran	3.700	J	0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Diethylphthalate	3.300	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dimethylphthalate	3.500	J	0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluoranthene	3.300	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluorene	3.500	J	0.96	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobenzene	3.500	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobutadiene	3.500	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachloroethane	3.700	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Indeno(1,2,3-cd)pyrene	3.600	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Isophorone	3.300	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitroso-di-n-propylamine	3.600		1.5	2.5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodimethylamine	4.000	J	1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodiphenylamine	3.700	J	0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Naphthalene	3.500	J	1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Nitrobenzene	4.000	J	1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pentachlorophenol	2.700	J	1.9	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenanthrene	3.700	J	0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenol	3.800	J	0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyrene	3.300	J	1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyridine	3.400	J	1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	5.700	J	2.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Total PAH	56.800	J	17.36	80	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,1-Biphenyl	8.600		0.91	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2,4,5-Tetrachlorobenzene	8.400		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2,4-Trichlorobenzene	8.100		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,2-Dichlorobenzene	7.800		0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,3-Dichlorobenzene	7.500		0.8	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1,4-Dichlorobenzene	7.600		0.84	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	1,4-Dioxane	9.100		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	1-Methylnaphthalene	8.000		0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,2-oxybis(1-Chloropropane)	9.100		1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,3,4,6-Tetrachlorophenol	8.200		0.79	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,5-Trichlorophenol	7.100		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4,6-Trichlorophenol	7.800		0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dichlorophenol	7.600		0.88	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dimethylphenol	7.600		1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene	7.400		1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,6-Dinitrotoluene	7.500		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chloronaphthalene	8.100		0.97	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Chlorophenol	8.000		0.71	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylnaphthalene	8.300		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Methylphenol	8.000		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitroaniline	7.500		1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2-Nitrophenol	7.400		2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3+4-Methylphenols	7.700	J	1.2	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3,3-Dichlorobenzidine	7.800	J	1.3	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	3-Nitroaniline	7.300		1.4	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4,6-Dinitro-2-methylphenol	6.900	J	3.1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Bromophenyl-phenylether	7.900		0.95	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloro-3-methylphenol	7.800		0.84	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chloroaniline	8.700		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Chlorophenyl-phenylether	8.300		0.98	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Nitroaniline	6.800		2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	4-Nitrophenol	5.300	J	2	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthene	7.900		0.81	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acenaphthylene	8.700		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Acetophenone	8.600		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Aniline	10.200		1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Anthracene	8.500		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Atrazine	10.500		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Azobenzene	8.900		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzaldehyde	10.700		4	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzidine	9.500	J	4.1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)anthracene	8.400		0.94	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(a)pyrene	8.500		1.7	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(b)fluoranthene	8.100		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(g,h,i)perylene	7.700		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzo(k)fluoranthene	8.400		1.2	5	ug/L

Hit Summary Sheet
SW-846

SDG No.: BP111124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzoic acid	6.500	J	5.5	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Benzyl Alcohol	7.200	J	1.6	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethoxy)methane	8.400		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	bis(2-Chloroethyl)ether	8.300		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Bis(2-ethylhexyl)phthalate	7.600		1.9	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Butylbenzylphthalate	7.300		2.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Caprolactam	7.600	J	1.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Carbazole	8.000		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Chrysene	8.600		0.86	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-butylphthalate	7.700		1.5	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Di-n-octyl phthalate	7.700	J	2.5	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzo(a,h)anthracene	8.500		1.2	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dibenzofuran	8.600		0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Diethylphthalate	8.400		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Dimethylphthalate	8.400		0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluoranthene	7.800		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Fluorene	8.300		0.96	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobenzene	7.900		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorobutadiene	7.800		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachlorocyclopentadiene	7.800	J	5	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Hexachloroethane	8.100		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Indeno(1,2,3-cd)pyrene	8.400		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Isophorone	8.500		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitroso-di-n-propylamine	8.300		1.5	2.5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodimethylamine	8.600	J	1	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	n-Nitrosodiphenylamine	8.100		0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Naphthalene	8.200		1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Nitrobenzene	8.600		1.3	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pentachlorophenol	6.500	J	1.9	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenanthrene	8.300		0.89	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Phenol	8.400		0.93	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyrene	7.900		1.1	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Pyridine	7.200		1.6	5	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	14.900		2.7	10	ug/L
P4368-09	MDL-WATER-03-QT4-2\ Water	Total PAH	132.000		17.36	80	ug/L

Total Svoc :

1,104.40

Total Concentration:

1,104.40

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110724 SAS No.: BP110724 SDG No.: BP110724

Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____

Calibration Time(s): 11:48 _____

LAB FILE ID:		RRF2.5 = BP022914.D			RRF005 = BP022915.D		RRF010 = BP022916.D	
		RRF020 = BP022917.D			RRF040 = BP022918.D		RRF050 = BP022919.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.549	0.566	0.567	0.558	0.550	0.557	1.5
Pyridine		1.147	1.097	1.199	1.164	1.138	1.155	2.8
2-Fluorophenol		1.048	1.021	1.062	1.067	1.032	1.054	2.0
Benzaldehyde		0.962	0.978	0.987	0.845	0.767	0.849	15.4
Aniline		1.309	1.273	1.298	1.239	1.173	1.225	6.4
Phenol-d6		1.454	1.427	1.504	1.473	1.444	1.470	2.0
Phenol		1.393	1.399	1.501	1.475	1.451	1.456	3.1
bis(2-Chloroethyl)ether		1.144	1.066	1.106	1.097	1.073	1.100	2.5
2-Chlorophenol		1.110	1.082	1.126	1.115	1.071	1.105	2.0
1,2-Dichlorobenzene		1.491	1.422	1.426	1.373	1.333	1.392	4.1
1,3-Dichlorobenzene		1.492	1.411	1.434	1.396	1.372	1.410	3.1
1,4-Dichlorobenzene		1.521	1.441	1.484	1.409	1.389	1.440	3.4
Benzyl Alcohol		1.269	0.961	1.087	1.108	1.091	1.113	8.3
2-Methylphenol		0.965	0.918	1.007	1.010	0.975	0.988	4.0
2,2-oxybis(1-Chloropropane)		1.266	1.216	1.256	1.173	1.140	1.193	4.6
Acetophenone		0.579	0.520	0.528	0.526	0.526	0.532	4.0
3+4-Methylphenols		1.338	1.322	1.421	1.392	1.366	1.381	3.0
n-Nitroso-di-n-propylamine	0.981	1.061	1.020	1.078	1.010	0.956	1.006	4.6
Nitrobenzene-d5		0.432	0.404	0.432	0.427	0.424	0.423	2.5
Hexachloroethane		0.577	0.535	0.543	0.524	0.507	0.533	4.4
Nitrobenzene		0.429	0.427	0.431	0.435	0.428	0.430	1.2
Isophorone		0.729	0.705	0.715	0.717	0.714	0.717	1.2
2-Nitrophenol		0.172	0.163	0.170	0.179	0.182	0.177	4.7
2,4-Dimethylphenol		0.206	0.192	0.200	0.200	0.202	0.202	2.6
bis(2-Chloroethoxy)methane		0.429	0.399	0.407	0.406	0.400	0.407	2.6
2,4-Dichlorophenol		0.333	0.328	0.343	0.358	0.355	0.349	4.2
1,2,4-Trichlorobenzene		0.481	0.440	0.442	0.439	0.436	0.446	3.6
Benzoic acid		0.198	0.215	0.237	0.254	0.264	0.242	11.0
Naphthalene		1.030	0.990	0.995	1.000	1.003	1.002	1.5
4-Chloroaniline		0.357	0.343	0.366	0.365	0.359	0.357	3.0
Hexachlorobutadiene		0.350	0.326	0.323	0.328	0.320	0.327	3.3
Caprolactam		0.106	0.095	0.105	0.106	0.106	0.104	4.3
4-Chloro-3-methylphenol		0.375	0.372	0.397	0.397	0.391	0.389	2.9
2-Methylnaphthalene		0.796	0.724	0.740	0.747	0.743	0.751	3.1
Hexachlorocyclopentadiene			0.143	0.174	0.202	0.197	0.190	14.1
2,4,6-Trichlorophenol		0.414	0.408	0.432	0.437	0.427	0.431	3.7

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.: BP110724 SAS No.: BP110724 SDG No.: BP110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 11:48 _____

LAB FILE ID:		RRF2.5 = BP022914.D			RRF005 = BP022915.D		RRF010 = BP022916.D	
		RRF020 = BP022917.D			RRF040 = BP022918.D		RRF050 = BP022919.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.479	1.374	1.398	1.366	1.343	1.400	3.2
2,4,5-Trichlorophenol		0.485	0.463	0.484	0.496	0.475	0.490	4.0
1,1-Biphenyl		1.403	1.300	1.333	1.326	1.264	1.330	3.2
2-Chloronaphthalene		1.179	1.069	1.106	1.085	1.053	1.103	3.7
2-Nitroaniline		0.311	0.291	0.325	0.327	0.323	0.321	5.0
Dimethylphthalate		1.530	1.428	1.489	1.446	1.419	1.464	2.6
Acenaphthylene		1.555	1.487	1.549	1.529	1.509	1.541	2.2
2,6-Dinitrotoluene		0.328	0.317	0.339	0.331	0.327	0.333	3.1
3-Nitroaniline		0.247	0.256	0.270	0.277	0.276	0.271	5.2
Acenaphthene		1.014	0.965	0.996	0.989	0.949	0.991	2.5
2,4-Dinitrophenol			0.154	0.188	0.217	0.214	0.207	15.0
4-Nitrophenol		0.167	0.178	0.231	0.236	0.237	0.222	16.1
Dibenzofuran		1.804	1.705	1.774	1.696	1.676	1.740	2.8
2,4-Dinitrotoluene		0.438	0.446	0.485	0.487	0.475	0.481	6.6
Diethylphthalate		1.506	1.437	1.456	1.435	1.421	1.456	2.0
4-Chlorophenyl-phenylether		0.873	0.844	0.863	0.830	0.821	0.852	2.5
Fluorene		1.488	1.410	1.461	1.427	1.400	1.446	2.3
4-Nitroaniline		0.218	0.251	0.272	0.292	0.296	0.278	11.9
4,6-Dinitro-2-methylphenol		0.098	0.106	0.116	0.129	0.131	0.122	12.6
n-Nitrosodiphenylamine		0.504	0.486	0.496	0.498	0.488	0.494	2.2
Azobenzene		1.239	1.257	1.293	1.261	1.214	1.252	1.9
2,4,6-Tribromophenol		0.384	0.368	0.386	0.383	0.383	0.388	3.5
4-Bromophenyl-phenylether		0.241	0.239	0.240	0.240	0.240	0.240	1.5
Hexachlorobenzene		0.311	0.312	0.310	0.302	0.298	0.307	1.8
Atrazine		0.203	0.196	0.155	0.184	0.131	0.167	16.4
Pentachlorophenol		0.177	0.184	0.191	0.204	0.202	0.196	6.3
Phenanthrene		0.996	0.963	0.971	0.966	0.947	0.968	1.8
Anthracene		0.906	0.914	0.930	0.936	0.927	0.929	2.1
Carbazole		0.875	0.872	0.908	0.891	0.880	0.887	1.7
Di-n-butylphthalate		0.949	0.988	0.982	1.002	1.009	0.989	2.2
Fluoranthene		1.332	1.337	1.366	1.365	1.330	1.343	1.4
Benzidine		0.384	0.388	0.178	0.474	0.482	0.395	26.2
Pyrene		1.135	1.170	1.194	1.165	1.199	1.184	2.5
Terphenyl-d14		1.056	1.059	1.061	1.044	1.068	1.065	1.4
Butylbenzylphthalate		0.361	0.393	0.398	0.412	0.415	0.404	5.6
3,3-Dichlorobenzidine		0.485	0.481	0.508	0.496	0.517	0.504	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP110724 SAS No.: BP110724 SDG No.: BP110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 11:48 _____

LAB FILE ID:		RRF2.5 = BP022914.D			RRF005 = BP022915.D		RRF010 = BP022916.D	
		RRF020 = BP022917.D			RRF040 = BP022918.D		RRF050 = BP022919.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.279	1.244	1.253	1.210	1.230	1.245	1.9
Chrysene		1.178	1.177	1.170	1.150	1.153	1.166	0.9
Bis(2-ethylhexyl)phthalate		0.546	0.558	0.572	0.569	0.593	0.579	4.3
Di-n-octyl phthalate		0.921	0.932	0.942	0.972	1.006	0.968	3.8
Benzo(b)fluoranthene		1.160	1.188	1.136	1.197	1.160	1.175	2.1
Benzo(k)fluoranthene		1.129	1.118	1.129	1.077	1.092	1.110	2.3
Benzo(a)pyrene		1.003	0.979	1.009	1.003	1.000	1.005	1.4
Indeno(1,2,3-cd)pyrene		1.405	1.350	1.352	1.325	1.314	1.349	2.2
Dibenzo(a,h)anthracene		1.181	1.106	1.104	1.074	1.075	1.106	3.3
Benzo(g,h,i)perylene		1.189	1.119	1.128	1.124	1.093	1.133	2.6
1,2,4,5-Tetrachlorobenzene		0.707	0.656	0.673	0.667	0.654	0.677	3.0
1,4-Dioxane		0.499	0.417	0.417	0.422	0.393	0.421	8.6
2,3,4,6-Tetrachlorophenol		0.476	0.452	0.476	0.475	0.458	0.473	2.9
1-Methylnaphthalene		0.762	0.732	0.751	0.750	0.740	0.745	1.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111124 SAS No.: BP111124 SDG NO.: BP111124

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP022918.D Time Analyzed: 10:53

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	72496	7.593	270641	10.35	222935	14.22
UPPER LIMIT	144992	8.093	541282	10.845	445870	14.716
LOWER LIMIT	36248	7.093	135320.5	9.845	111467.5	13.716
EPA SAMPLE NO.						
01 PB164401BL	78976	7.59	272503	10.33	203397	14.20
02 MDL-SOIL-03-QT4-2024	46904	7.59	173620	10.34	145272	14.21
03 MDL-SOIL-03-QT4-2024	54138	7.59	199964	10.34	170406	14.22
04 MDL-WATER-03-QT4-2024	54362	7.59	205045	10.34	162991	14.22
05 MDL-WATER-03-QT4-2024	55105	7.59	205503	10.34	173650	14.21
06 PB164382BL	65018	7.59	223526	10.35	164019	14.22

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.: BP111124 SAS No.: BP111124 SDG NO.: BP111124

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP023007.D Time Analyzed: 10:53

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	70177	7.581	278330	10.33	253074	14.20
UPPER LIMIT	140354	8.081	556660	10.834	506148	14.704
LOWER LIMIT	35088.5	7.081	139165	9.834	126537	13.704
EPA SAMPLE NO.						
01 PB164401BL	78976	7.59	272503	10.33	203397	14.20
02 MDL-SOIL-03-QT4-2024	46904	7.59	173620	10.34	145272	14.21
03 MDL-SOIL-03-QT4-2024	54138	7.59	199964	10.34	170406	14.22
04 MDL-WATER-03-QT4-2024	54362	7.59	205045	10.34	162991	14.22
05 MDL-WATER-03-QT4-2024	55105	7.59	205503	10.34	173650	14.21
06 PB164382BL	65018	7.59	223526	10.35	164019	14.22

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.: BP111124 SAS No.: BP111124 SDG NO.: BP111124

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP022918.D Time Analyzed: 10:53

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	550938	17.022	656894	21.463	779446	24.698
UPPER LIMIT	1101876	17.522	1313788	21.963	1558892	25.198
LOWER LIMIT	275469	16.522	328447	20.963	389723	24.198
EPA SAMPLE NO.						
01 PB164401BL	518805	17.02	606991	21.45	661341	24.68
02 MDL-SOIL-03-QT4-2024	372032	17.02	469181	21.45	581770	24.68
03 MDL-SOIL-03-QT4-2024	447113	17.02	571926	21.45	685062	24.69
04 MDL-WATER-03-QT4-2024	398652	17.02	485625	21.46	601282	24.69
05 MDL-WATER-03-QT4-2024	457647	17.02	547682	21.46	679415	24.70
06 PB164382BL	407040	17.02	511253	21.46	587942	24.72

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.: BP111124 SAS No.: BP111124 SDG NO.: BP111124

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BP023007.D Time Analyzed: 10:53

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	690150	17.016	827730	21.451	986692	24.68
UPPER LIMIT	1380300	17.516	1655460	21.951	1973384	25.18
LOWER LIMIT	345075	16.516	413865	20.951	493346	24.18
EPA SAMPLE NO.						
01 PB164401BL	518805	17.02	606991	21.45	661341	24.68
02 MDL-SOIL-03-QT4-2024	372032	17.02	469181	21.45	581770	24.68
03 MDL-SOIL-03-QT4-2024	447113	17.02	571926	21.45	685062	24.69
04 MDL-WATER-03-QT4-2024	398652	17.02	485625	21.46	601282	24.69
05 MDL-WATER-03-QT4-2024	457647	17.02	547682	21.46	679415	24.70
06 PB164382BL	407040	17.02	511253	21.46	587942	24.72

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.

PB164382BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111124

SAS No.: BP111124 SDG NO.: BP111124

Lab File ID: BP023013.D

Lab Sample ID: PB164382BL

Instrument ID: BNA_P

Date Extracted: 10/24/2024

Matrix: (soil/water) Water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 14:16

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-QT4-2024	P4368-09	BP023011.D	11/11/2024
MDL-WATER-03-QT4-2024	P4368-09	BP023012.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164401BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111124

SAS No.: BP111124 SDG NO.: BP111124

Lab File ID: BP023008.D

Lab Sample ID: PB164401BL

Instrument ID: BNA_P

Date Extracted: 10/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 10:53

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-QT4-2024	P4368-03	BP023009.D	11/11/2024
MDL-SOIL-03-QT4-2024	P4368-03	BP023010.D	11/11/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP111124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-09	MDL-WATER-03-C	BP023011.D	2-Fluorophenol	150	112.95	75		10	139
		BP023012.D	2-Fluorophenol	150	114.65	76		10	139
			Phenol-d6	150	118.11	79		10	134
		BP023011.D	Phenol-d6	150	111.27	74		10	134
			Nitrobenzene-d5	100	81.66	82		49	133
		BP023012.D	Nitrobenzene-d5	100	90.33	90		49	133
			2-Fluorobiphenyl	100	88.25	88		52	132
		BP023011.D	2-Fluorobiphenyl	100	79.79	80		52	132
			2,4,6-Tribromophenol	150	111.22	74		44	137
		BP023012.D	2,4,6-Tribromophenol	150	135.02	90		44	137
			Terphenyl-d14	100	90.67	91		48	125
		BP023011.D	Terphenyl-d14	100	78.48	78		48	125
		BP023013.D	2-Fluorophenol	150	149.07	99		10	139
			Phenol-d6	150	135.53	90		10	134
			Nitrobenzene-d5	100	96.63	97		49	133
			2-Fluorobiphenyl	100	98.23	98		52	132
PB164382BL	PB164382BL		2,4,6-Tribromophenol	150	137.85	92		44	137
			Terphenyl-d14	100	96.15	96		48	125

Surrogate Summary

SW-846

SDG No.: BP111124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4368-03	MDL-SOIL-03-QT ²	BP023009.D	2-Fluorophenol	150	111.14	74		18	112
		BP023010.D	2-Fluorophenol	150	115.62	77		18	112
		BP023009.D	Phenol-d6	150	110.29	74		15	107
		BP023010.D	Phenol-d6	150	118.95	79		15	107
		BP023009.D	Nitrobenzene-d5	100	83.88	84		18	107
		BP023010.D	Nitrobenzene-d5	100	91.34	91		18	107
			2-Fluorobiphenyl	100	86.74	87		20	109
		BP023009.D	2-Fluorobiphenyl	100	80.86	81		20	109
			2,4,6-Tribromophenol	150	118.14	79		10	116
		BP023010.D	2,4,6-Tribromophenol	150	138.14	92		10	116
		BP023009.D	Terphenyl-d14	100	80.06	80		10	105
		BP023010.D	Terphenyl-d14	100	87.75	88		10	105
PB164401BL	PB164401BL	BP023008.D	2-Fluorophenol	150	143.47	96		18	112
			Phenol-d6	150	131.75	88		15	107
			Nitrobenzene-d5	100	91.14	91		18	107
			2-Fluorobiphenyl	100	93.78	94		20	109
			2,4,6-Tribromophenol	150	132.78	89		10	116
			Terphenyl-d14	100	100.13	100		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP111124

Lab Code: CHEM

SAS No.: BP111124 SDG NO.: BP111124

Lab File ID: BP023006.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	36.2
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	35.8
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	95.3
443	15.0 - 24.0% of mass 442	18.7 (19.7) 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	BP023007.D	11/11/2024	10:12
PB164401BL	PB164401BL	BP023008.D	11/11/2024	10:53
MDL-SOIL-03-QT4-2024	P4368-03	BP023009.D	11/11/2024	11:34
MDL-SOIL-03-QT4-2024	P4368-03	BP023010.D	11/11/2024	12:14
MDL-WATER-03-QT4-2024	P4368-09	BP023011.D	11/11/2024	12:55
MDL-WATER-03-QT4-2024	P4368-09	BP023012.D	11/11/2024	13:36
PB164382BL	PB164382BL	BP023013.D	11/11/2024	14:16
SSTDCCC040EC	SSTDCCC040	BP023014.D	11/11/2024	15:01