



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG No.: BG031124

Instrument ID: BNA_G Calibration Date/Time: 3/11/2024 1:08:57

Lab File ID: BG060603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020487 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.561	0.010	-0.1793	40.0
Benzaldehyde	0.977	1.128	0.010	15.5209	40.0
Pyridine	1.681	1.492	0.010	-11.2456	40.0
Phenol	2.085	1.877	0.080	-9.9901	20.0
Bis(2-Chloroethyl) ether	1.656	1.525	0.100	-7.945	20.0
2-Chlorophenol	1.509	1.430	0.200	-5.1904	20.0
2-Methylphenol	1.625	1.508	0.010	-7.1867	20.0
2,2-oxybis(1-Chloropropane)	3.349	3.110	0.010	-7.1495	40.0
Acetophenone	2.731	2.601	0.060	-4.7368	20.0
4-Methylphenol	1.769	1.649	0.010	-6.7768	20.0
N-Nitroso-di-n-propylamine	1.339	1.283	0.050	-4.1759	30.0
Hexachloroethane	0.591	0.557	0.100	-5.7893	20.0
Nitrobenzene	0.356	0.351	0.050	-1.5128	25.0
Isophorone	0.846	0.836	0.050	-1.1975	25.0
2-Nitrophenol	0.145	0.128	0.050	-11.6293	25.0
2,4-Dimethylphenol	0.393	0.381	0.050	-3.2193	25.0
Bis(2-Chloroethoxy) methane	0.492	0.479	0.050	-2.754	20.0
2,4-Dichlorophenol	0.323	0.314	0.060	-2.8267	20.0
Naphthalene	1.182	1.134	0.200	-4.1126	20.0
4-Chloroaniline	0.491	0.466	0.010	-5.1699	40.0
Hexachlorobutadiene	0.239	0.231	0.040	-3.2912	30.0
Caprolactam	0.111	0.106	0.010	-4.3751	40.0
4-Chloro-3-methylphenol	0.388	0.384	0.040	-1.0378	25.0
1-Methylnaphthalene	0.778	0.769	0.100	-1.2125	20.0
2-Methylnaphthalene	0.777	0.778	0.100	0.1325	20.0
Hexachlorocyclopentadiene	0.401	0.380	0.010	-5.1924	40.0
2,4,6-Trichlorophenol	0.410	0.391	0.090	-4.635	25.0
2,4,5-Trichlorophenol	0.437	0.426	0.100	-2.583	25.0
1,1-Biphenyl	1.606	1.533	0.200	-4.5104	20.0
2-Chloronaphthalene	1.274	1.221	0.300	-4.2088	20.0
2-Nitroaniline	0.348	0.324	0.050	-6.9435	40.0
Dimethylphthalate	1.614	1.543	0.300	-4.4081	20.0
2,6-Dinitrotoluene	0.232	0.204	0.080	-12.1571	30.0
Acenaphthylene	2.122	2.045	0.400	-3.6529	20.0
3-Nitroaniline	0.273	0.242	0.010	-11.4108	40.0
Acenaphthene	1.409	1.326	0.200	-5.8881	20.0
2,4-Dinitrophenol	0.118	0.088	0.010	-25.5562	40.0
4-Nitrophenol	0.231	0.207	0.010	-10.3274	40.0
Dibenzofuran	1.891	1.804	0.300	-4.5628	20.0
2,4-Dinitrotoluene	0.315	0.282	0.070	-10.5785	30.0
Diethylphthalate	1.646	1.572	0.300	-4.5158	20.0

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG No.: BG031124

Instrument ID: BNA_G Calibration Date/Time: 3/11/2024 1:08:57

Lab File ID: BG060603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020487 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.566	1.510	0.200	-3.5979	20.0
4-Chlorophenyl-phenylether	0.784	0.760	0.100	-3.1319	20.0
4-Nitroaniline	0.272	0.254	0.010	-6.488	40.0
4,6-Dinitro-2-methylphenol	0.090	0.065	0.010	-27.3267	40.0
N-Nitrosodiphenylamine	0.639	0.612	0.050	-4.1968	20.0
1,2,4,5-Tetrachlorobenzene	0.658	0.632	0.100	-4.0287	20.0
4-Bromophenyl-phenylether	0.230	0.216	0.070	-5.944	20.0
Hexachlorobenzene	0.275	0.255	0.050	-7.2201	25.0
Atrazine	0.217	0.213	0.010	-1.6401	25.0
Pentachlorophenol	0.151	0.123	0.010	-19.0893	40.0
Phenanthrene	1.148	1.096	0.200	-4.5458	20.0
Pentachlorobenzene	0.308	0.286	0.050	-6.8654	20.0
Anthracene	1.169	1.132	0.200	-3.1345	20.0
1,2,3,4-Tetrachlorobenzene	0.299	0.287	0.050	-3.7933	20.0
Carbazole	1.002	0.963	0.050	-3.9021	40.0
Di-n-butylphthalate	1.224	1.201	0.500	-1.9164	25.0
Fluoranthene	1.430	1.407	0.400	-1.6006	25.0
Pyrene	1.498	1.450	0.400	-3.1954	25.0
Butylbenzylphthalate	0.551	0.539	0.100	-2.2227	40.0
3,3-Dichlorobenzidine	0.457	0.453	0.010	-0.9368	40.0
Benzo(a)anthracene	1.485	1.442	0.300	-2.9191	30.0
Chrysene	1.414	1.357	0.200	-4.037	30.0
Bis(2-ethylhexyl)phthalate	0.818	0.803	0.200	-1.8792	40.0
Di-n-octyl phthalate	1.244	1.174	0.010	-5.6271	40.0
Benzo(b)fluoranthene	1.216	1.155	0.200	-5.0097	25.0
Benzo(k)fluoranthene	1.269	1.216	0.200	-4.1689	25.0
Benzo(a)pyrene	1.179	1.115	0.200	-5.4084	20.0
Indeno(1,2,3-cd)pyrene	1.456	1.395	0.200	-4.2321	25.0
Dibenzo(a,h)anthracene	1.190	1.136	0.200	-4.5782	30.0
Benzo(g,h,i)perylene	1.169	1.087	0.200	-7.0315	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.341	0.040	-8.3834	20.0
1,4-Dioxane-d8	0.530	0.486	0.010	-8.3437	25.0
Pyridine-d5	1.658	1.474	0.010	-11.1019	40.0
Phenol-d5	2.061	1.863	0.010	-9.6277	25.0
Bis-(2-Chloroethyl)ether-d8	1.336	1.197	0.050	-10.3954	25.0
2-Chlorophenol-d4	1.441	1.353	0.200	-6.12	20.0
4-Methylphenol-d8	1.600	1.525	0.010	-4.6796	20.0
Nitrobenzene-d5	0.128	0.122	0.050	-4.3778	20.0
2-Nitrophenol-d4	0.126	0.110	0.050	-12.7474	30.0
2,4-Dichlorophenol-d3	0.324	0.309	0.060	-4.4127	20.0
4-Chloroaniline-d4	0.503	0.474	0.010	-5.8572	40.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG No.: BG031124
Instrument ID: BNA_G Calibration Date/Time: 3/11/2024 1:08:57
Lab File ID: BG060603.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020487 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.586	1.478	0.300	-6.8146	20.0
Acenaphthylene-d8	1.857	1.773	0.400	-4.4975	20.0
4-Nitrophenol-d4	0.239	0.210	0.010	-12.2598	40.0
Fluorene-d10	1.393	1.319	0.100	-5.353	20.0
4,6-Dinitro-2-methylphenol-d2	0.081	0.062	0.010	-24.1479	40.0
Anthracene-d10	0.983	0.955	0.300	-2.8064	20.0
Pyrene-d10	1.205	1.163	0.300	-3.4422	25.0
Benzo(a)pyrene-d12	1.035	0.995	0.010	-3.8743	20.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG No.: BG031124

Instrument ID: BNA_G Calibration Date/Time: 3/11/2024 1:14:38

Lab File ID: BG060610.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020488 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.567	0.010	0.8468	50.0
Benzaldehyde	0.977	1.108	0.010	13.4776	50.0
Pyridine	1.681	1.569	0.010	-6.6974	50.0
Phenol	2.085	1.882	0.080	-9.7743	50.0
Bis(2-Chloroethyl)ether	1.656	1.546	0.100	-6.6475	50.0
2-Chlorophenol	1.509	1.428	0.200	-5.329	50.0
2-Methylphenol	1.625	1.477	0.010	-9.1132	50.0
2,2-oxybis(1-Chloropropane)	3.349	3.062	0.010	-8.5926	50.0
Acetophenone	2.731	2.564	0.060	-6.0841	50.0
4-Methylphenol	1.769	1.671	0.010	-5.568	50.0
N-Nitroso-di-n-propylamine	1.339	1.289	0.050	-3.7501	50.0
Hexachloroethane	0.591	0.568	0.100	-3.9617	50.0
Nitrobenzene	0.356	0.369	0.050	3.5967	50.0
Isophorone	0.846	0.801	0.050	-5.4146	50.0
2-Nitrophenol	0.145	0.157	0.050	8.54	50.0
2,4-Dimethylphenol	0.393	0.374	0.050	-4.9071	50.0
Bis(2-Chloroethoxy)methane	0.492	0.467	0.050	-5.1287	50.0
2,4-Dichlorophenol	0.323	0.307	0.060	-4.9197	50.0
Naphthalene	1.182	1.144	0.200	-3.2139	50.0
4-Chloroaniline	0.491	0.467	0.010	-4.7944	50.0
Hexachlorobutadiene	0.239	0.222	0.040	-7.0631	50.0
Caprolactam	0.111	0.107	0.010	-3.2468	50.0
4-Chloro-3-methylphenol	0.388	0.375	0.040	-3.2963	50.0
1-Methylnaphthalene	0.778	0.755	0.100	-2.9184	50.0
2-Methylnaphthalene	0.777	0.749	0.100	-3.5578	50.0
Hexachlorocyclopentadiene	0.401	0.381	0.010	-5.0026	50.0
2,4,6-Trichlorophenol	0.410	0.384	0.090	-6.3164	50.0
2,4,5-Trichlorophenol	0.437	0.416	0.100	-4.8169	50.0
1,1-Biphenyl	1.606	1.508	0.200	-6.0872	50.0
2-Chloronaphthalene	1.274	1.173	0.300	-7.9833	50.0
2-Nitroaniline	0.348	0.366	0.050	5.1844	50.0
Dimethylphthalate	1.614	1.540	0.300	-4.5918	50.0
2,6-Dinitrotoluene	0.232	0.233	0.080	0.3	50.0
Acenaphthylene	2.122	2.012	0.400	-5.1976	50.0
3-Nitroaniline	0.273	0.279	0.010	1.98	50.0
Acenaphthene	1.409	1.321	0.200	-6.1993	50.0
2,4-Dinitrophenol	0.118	0.102	0.010	-13.1835	50.0
4-Nitrophenol	0.231	0.216	0.010	-6.6111	50.0
Dibenzofuran	1.891	1.765	0.300	-6.6751	50.0
2,4-Dinitrotoluene	0.315	0.330	0.070	4.7197	50.0
Diethylphthalate	1.646	1.585	0.300	-3.6945	50.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG No.: BG031124

Instrument ID: BNA_G Calibration Date/Time: 3/11/2024 1:14:38

Lab File ID: BG060610.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020488 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.566	1.507	0.200	-3.7659	50.0
4-Chlorophenyl-phenylether	0.784	0.747	0.100	-4.7657	50.0
4-Nitroaniline	0.272	0.287	0.010	5.2854	50.0
4,6-Dinitro-2-methylphenol	0.090	0.077	0.010	-13.8069	50.0
N-Nitrosodiphenylamine	0.639	0.603	0.050	-5.5856	50.0
1,2,4,5-Tetrachlorobenzene	0.658	0.613	0.100	-6.8497	50.0
4-Bromophenyl-phenylether	0.230	0.221	0.070	-3.7255	50.0
Hexachlorobenzene	0.275	0.261	0.050	-4.9472	50.0
Atrazine	0.217	0.215	0.010	-0.5252	50.0
Pentachlorophenol	0.151	0.131	0.010	-13.6574	50.0
Phenanthrene	1.148	1.111	0.200	-3.1902	50.0
Pentachlorobenzene	0.308	0.280	0.050	-8.8515	50.0
Anthracene	1.169	1.144	0.200	-2.1529	50.0
1,2,3,4-Tetrachlorobenzene	0.299	0.275	0.050	-7.873	50.0
Carbazole	1.002	0.993	0.050	-0.9788	50.0
Di-n-butylphthalate	1.224	1.205	0.500	-1.5475	50.0
Fluoranthene	1.430	1.391	0.400	-2.7095	50.0
Pyrene	1.498	1.436	0.400	-4.1439	50.0
Butylbenzylphthalate	0.551	0.538	0.100	-2.2766	50.0
3,3-Dichlorobenzidine	0.457	0.460	0.010	0.6157	50.0
Benzo(a)anthracene	1.485	1.429	0.300	-3.7961	50.0
Chrysene	1.414	1.366	0.200	-3.3862	50.0
Bis(2-ethylhexyl)phthalate	0.818	0.778	0.200	-4.9587	50.0
Di-n-octyl phthalate	1.244	1.130	0.010	-9.1464	50.0
Benzo(b)fluoranthene	1.216	1.154	0.200	-5.0657	50.0
Benzo(k)fluoranthene	1.269	1.192	0.200	-6.0885	50.0
Benzo(a)pyrene	1.179	1.109	0.200	-5.9321	50.0
Indeno(1,2,3-cd)pyrene	1.456	1.366	0.200	-6.2091	50.0
Dibenzo(a,h)anthracene	1.190	1.129	0.200	-5.1362	50.0
Benzo(g,h,i)perylene	1.169	1.101	0.200	-5.8273	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.359	0.040	-3.6441	50.0
1,4-Dioxane-d8	0.530	0.546	0.010	3.1148	50.0
Pyridine-d5	1.658	1.569	0.010	-5.3505	50.0
Phenol-d5	2.061	1.897	0.010	-7.9687	50.0
Bis-(2-Chloroethyl)ether-d8	1.336	1.210	0.050	-9.4359	50.0
2-Chlorophenol-d4	1.441	1.374	0.200	-4.68	50.0
4-Methylphenol-d8	1.600	1.496	0.010	-6.5118	50.0
Nitrobenzene-d5	0.128	0.133	0.050	4.4876	50.0
2-Nitrophenol-d4	0.126	0.132	0.050	5.1271	50.0
2,4-Dichlorophenol-d3	0.324	0.307	0.060	-5.0499	50.0
4-Chloroaniline-d4	0.503	0.487	0.010	-3.2617	50.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG No.: BG031124
Instrument ID: BNA_G Calibration Date/Time: 3/11/2024 1:14:38
Lab File ID: BG060610.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020488 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.586	1.512	0.300	-4.655	50.0
Acenaphthylene-d8	1.857	1.753	0.400	-5.5913	50.0
4-Nitrophenol-d4	0.239	0.232	0.010	-2.7282	50.0
Fluorene-d10	1.393	1.313	0.100	-5.7532	50.0
4,6-Dinitro-2-methylphenol-d2	0.081	0.071	0.010	-12.6534	50.0
Anthracene-d10	0.983	0.960	0.300	-2.3256	50.0
Pyrene-d10	1.205	1.163	0.300	-3.4851	50.0
Benzo(a)pyrene-d12	1.035	0.973	0.010	-5.9398	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BG031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060604.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BG031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060604.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BG031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060604.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.445		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	28.928		20-120		72	SPK: -40
4165-62-2	Phenol-d5	29.66		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.819		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.066		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.49		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	34.312		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.729		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.588		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.234		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.734		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.029		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.379		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	31.256		25-125		78	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.647		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	32.085		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	33.036		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.795		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78119	8.329				
1146-65-2	Naphthalene-d8	363246	11.172				
15067-26-2	Acenaphthene-d10	259743	14.95				
1517-22-2	Phenanthrene-d10	552296	17.7				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/4/2024 12:00:00 AM
Project:		Date Received:	3/4/2024 12:00:00 AM
Client Sample ID:	SBLK425	SDG No.:	BG031124
Lab Sample ID:	PB159425BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060604.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	480185	22.024				
1520-96-3	Perylene-d12	557548	25.585				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060605.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	5.5	J	2.3	5	10	ug/L
110-86-1	Pyridine	4.1	J	2.2	10	10	ug/L
108-95-2	Phenol	4.2	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.2	J	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	4.2	J	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	3.9	J	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.3	J	1.2	5	10	ug/L
98-86-2	Acetophenone	4.2	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	4.1	J	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.4	J	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	4.4	J	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	4.8	J	0.99	2.5	5	ug/L
78-59-1	Isophorone	4.3	J	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.3	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.9	J	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.3	J	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.1	J	0.93	2.5	5	ug/L
91-20-3	Naphthalene	4.5	J	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.1	J	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.6	J	0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.8	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.3	J	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.7	J	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.5	J	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.8	J	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.1	J	0.8	2.5	5	ug/L
92-52-4	1,1-Biphenyl	4.3	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.3	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.9	J	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060605.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4.4	J	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.8	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.4	J	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.8	J	1.5	5	10	ug/L
83-32-9	Acenaphthene	4.3	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.1	J	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	4.4	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.4	J	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.1	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.4	J	0.87	2.5	5	ug/L
86-73-7	Fluorene	4.4	J	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.6	J	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	4	J	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.5	J	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.2	J	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.3	J	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.9	J	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.1	J	0.56	2.5	5	ug/L
1912-24-9	Atrazine	5.2	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	4.4	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.6	J	1.2	2.5	5	ug/L
120-12-7	Anthracene	4.1	J	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.1	J	0.92	2.5	5	ug/L
86-74-8	Carbazole	4.3	J	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4	J	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	4.3	J	0.65	5	5	ug/L
129-00-0	Pyrene	4.3	J	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.7	J	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.9	J	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.3	J	0.56	2.5	5	ug/L
218-01-9	Chrysene	4.3	J	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.8	J	0.87	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060605.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	3.8	J	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.2	J	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.1	J	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.2	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.1	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.1	J	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.3	J	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.2	J	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.617		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	20.739		20-120		52	SPK: -40
4165-62-2	Phenol-d5	20.562		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.785		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.526		20-130		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.335		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.416		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.8		20-130		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.435		20-120		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.581		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.893		25-130		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.093		10-130		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.393		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	21.979		25-125		55	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.931		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	20.375		25-130		51	SPK: -40
1718-52-1	Pyrene-d10	21.509		15-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.635		20-130		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85098	8.325				
1146-65-2	Naphthalene-d8	388163	11.169				
15067-26-2	Acenaphthene-d10	265786	14.953				
1517-22-2	Phenanthrene-d10	591209	17.703				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG060605.D	1	3/4/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	544541	22.021				
1520-96-3	Perylene-d12	608879	25.588				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BG060606.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	J	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	200	J	58	82.2	330	ug/Kg
110-86-1	Pyridine	130	J	77	160	330	ug/Kg
108-95-2	Phenol	140	J	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	130	J	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	40	82.2	330	ug/Kg
98-86-2	Acetophenone	140	J	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	140	J	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	J	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	140	J	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	150	J	64	42.4	170	ug/Kg
78-59-1	Isophorone	140	J	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	160	J	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	100	J	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	J	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	38	42.4	170	ug/Kg
91-20-3	Naphthalene	150	J	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	140	J	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	35	42.4	170	ug/Kg
105-60-2	Caprolactam	160	J	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	J	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	160	J	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	J	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	33	42.4	170	ug/Kg
92-52-4	1,1-Biphenyl	140	J	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	130	J	45	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BG060606.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	150	J	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	150	J	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	150	J	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	J	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	140	J	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	150	J	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	140	J	33	42.4	170	ug/Kg
86-73-7	Fluorene	150	J	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	150	J	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	J	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	J	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	J	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	28	42.4	170	ug/Kg
1912-24-9	Atrazine	160	J	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	130	J	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	150	J	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	150	J	37	42.4	170	ug/Kg
120-12-7	Anthracene	140	J	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	J	17	42.4	170	ug/Kg
86-74-8	Carbazole	140	J	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	150	J	19	82.2	170	ug/Kg
129-00-0	Pyrene	150	J	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	J	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	23	42.4	170	ug/Kg
218-01-9	Chrysene	140	J	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	25	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BG060606.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	130	J	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.571		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.091		20-120		53	SPK: -40
4165-62-2	Phenol-d5	21.038		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.851		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.881		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.812		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.569		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.722		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.95		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.019		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.813		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.861		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.379		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	21.754		20-140		54	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.822		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	20.293		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.887		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.954		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88693	8.329				
1146-65-2	Naphthalene-d8	418433	11.173				
15067-26-2	Acenaphthene-d10	289532	14.951				
1517-22-2	Phenanthrene-d10	641172	17.7				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BG060606.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	570585	22.025				
1520-96-3	Perylene-d12	636641	25.585				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060607.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	980	J	890	190	1900	ug/Kg
100-52-7	Benzaldehyde	5600	J	2000	2300	9400	ug/Kg
110-86-1	Pyridine	3900	J	3300	4700	9400	ug/Kg
108-95-2	Phenol	4000	J	1400	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4200	J	1800	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4100	J	1400	1200	4700	ug/Kg
95-48-7	2-Methylphenol	3700	J	1100	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4300	J	1900	2300	9400	ug/Kg
98-86-2	Acetophenone	4200	J	1400	2300	9400	ug/Kg
106-44-5	4-Methylphenol	3900	J	1400	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4400	J	2000	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4300	J	1600	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4500	J	1700	1200	4700	ug/Kg
78-59-1	Isophorone	3900	J	1000	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4400	J	820	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	2700	J	560	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4000	J	920	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4300	J	710	1200	4700	ug/Kg
91-20-3	Naphthalene	4200	J	530	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4000	J	850	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4200	J	1100	1200	4700	ug/Kg
105-60-2	Caprolactam	4400	J	1900	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4000	J	1000	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	4400	J	580	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4300	J	720	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3800	J	2500	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3700	J	1100	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3700	J	910	1200	4700	ug/Kg
92-52-4	1,1-Biphenyl	4100	J	860	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	3900	J	800	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	3700	J	1500	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060607.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4100	J	770	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900	J	1400	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4200	J	820	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	3900	J	1200	2300	9400	ug/Kg
83-32-9	Acenaphthene	4100	J	740	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	J	3400	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	3900	J	1500	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4100	J	740	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	3800	J	910	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4000	J	1600	1200	4700	ug/Kg
86-73-7	Fluorene	4300	J	1600	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4200	J	1100	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4100	J	1100	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500	J	2400	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4000	J	2600	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4100	J	830	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4100	J	1800	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4100	J	2100	1200	4700	ug/Kg
1912-24-9	Atrazine	4800	J	2000	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	3800	J	3100	2300	9400	ug/Kg
85-01-8	Phenanthrene	4100	J	650	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4500	J	2000	1200	4700	ug/Kg
120-12-7	Anthracene	3900	J	540	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4100	J	2100	1200	4700	ug/Kg
86-74-8	Carbazole	3800	J	900	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	3800	J	800	1200	4700	ug/Kg
206-44-0	Fluoranthene	4100	J	570	2300	4700	ug/Kg
129-00-0	Pyrene	4400	J	580	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	3700	J	490	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4800	J	1900	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4100	J	730	1200	4700	ug/Kg
218-01-9	Chrysene	4000	J	610	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	540	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060607.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	3600	J	1200	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000	J	920	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	3900	J	790	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4000	J	930	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3900	J	880	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	J	730	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3800	J	850	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3500	J	1700	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.108		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	21.817		20-120		55	SPK: -40
4165-62-2	Phenol-d5	21.574		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.362		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.333		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.057		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	23.779		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.708		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.218		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.535		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.657		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.777		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.473		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	21.672		20-140		54	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.044		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	19.966		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	22.046		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.921		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92049	8.327				
1146-65-2	Naphthalene-d8	447738	11.17				
15067-26-2	Acenaphthene-d10	301902	14.954				
1517-22-2	Phenanthrene-d10	659968	17.704				



Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT1-2024-01	SDG No.:	BG031124
Lab Sample ID:	P1601-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060607.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	568922	22.022				
1520-96-3	Perylene-d12	634261	25.583				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	860	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BG031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG060608.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BG031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG060608.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BG031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG060608.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.276		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	29.253		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.397		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.629		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.884		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	30.498		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	36.129		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.36		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.356		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.995		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.651		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.292		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.304		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	32.591		20-140		81	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.491		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	34.601		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	35.282		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.725		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79061	8.327				
1146-65-2	Naphthalene-d8	363177	11.171				
15067-26-2	Acenaphthene-d10	252516	14.954				
1517-22-2	Phenanthrene-d10	543259	17.698				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK444	SDG No.:	BG031124
Lab Sample ID:	PB159444BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG060608.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	490549	22.023				
1520-96-3	Perylene-d12	560159	25.583				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060609.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	910	U	910	190	1900	ug/Kg
100-52-7	Benzaldehyde	2000	U	2000	2400	9700	ug/Kg
110-86-1	Pyridine	3400	U	3400	4800	9700	ug/Kg
108-95-2	Phenol	1500	U	1500	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1800	U	1800	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1200	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	2400	9700	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2400	9700	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1200	4900	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1200	4900	ug/Kg
98-95-3	Nitrobenzene	1700	U	1700	1200	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	840	U	840	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	940	U	940	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	730	U	730	1200	4900	ug/Kg
91-20-3	Naphthalene	540	U	540	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	870	U	870	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1200	4900	ug/Kg
105-60-2	Caprolactam	1900	U	1900	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	600	U	600	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	740	U	740	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	U	2500	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930	U	930	1200	4900	ug/Kg
92-52-4	1,1-Biphenyl	880	U	880	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060609.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	800	U	800	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1200	4900	ug/Kg
208-96-8	Acenaphthylene	840	U	840	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2400	9700	ug/Kg
83-32-9	Acenaphthene	760	U	760	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2400	9700	ug/Kg
132-64-9	Dibenzofuran	760	U	760	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	930	U	930	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1200	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700	U	2700	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	850	U	850	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800	U	1800	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	2100	U	2100	1200	4900	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	3200	U	3200	2400	9700	ug/Kg
85-01-8	Phenanthrene	670	U	670	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	2000	U	2000	1200	4900	ug/Kg
120-12-7	Anthracene	550	U	550	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2100	U	2100	1200	4900	ug/Kg
86-74-8	Carbazole	920	U	920	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	830	U	830	1200	4900	ug/Kg
206-44-0	Fluoranthene	580	U	580	2400	4900	ug/Kg
129-00-0	Pyrene	600	U	600	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	500	U	500	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	750	U	750	1200	4900	ug/Kg
218-01-9	Chrysene	630	U	630	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060609.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1300	U	1300	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	940	U	940	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	820	U	820	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	960	U	960	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870	U	870	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700	U	1700	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.271		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	27.777		20-120		69	SPK: -40
4165-62-2	Phenol-d5	29.334		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.751		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.665		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.467		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	35.969		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.032		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.453		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.263		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.889		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.58		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.664		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	32.225		20-140		81	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.965		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	34.335		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	35.807		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.767		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86112	8.322				
1146-65-2	Naphthalene-d8	398794	11.172				
15067-26-2	Acenaphthene-d10	273516	14.95				
1517-22-2	Phenanthrene-d10	579769	17.699				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/5/2024 12:00:00 AM
Project:		Date Received:	3/5/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG031124
Lab Sample ID:	PB159446BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060609.D	1	3/5/2024 12:00:00 AM	3/11/2024 12:00:00 AM	PB159446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	509808	22.024				
1520-96-3	Perylene-d12	580842	25.59				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	880	U			99	ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BG031124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT1-2024-01						
P1601-01	MDL-WATER-QT1-2024 Water	Total Alkanes	*	0.000	0.99	5	ug/L
		Total Tics :			0.00		
P1601-01	MDL-WATER-QT1-2024 Water	1,1-Biphenyl	4.300	J	0.99	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1,2,3,4-Tetrachlorobenzene	4.100	J	0.92	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1,2,4,5-Tetrachlorobenzene	4.300	J	0.9	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	1-Methylnaphthalene	4.700	J	1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.2	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,3,4,6-Tetrachlorophenol	4.200	J	1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4,5-Trichlorophenol	4.100	J	0.8	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4,6-Trichlorophenol	3.800	J	0.81	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dichlorophenol	4.100	J	0.93	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dimethylphenol	2.900	J	1.1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dinitrophenol	4.100	J	2.8	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,4-Dinitrotoluene	4.100	J	1.1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2,6-Dinitrotoluene	3.800	J	1.3	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Chloronaphthalene	4.300	J	1.1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Chlorophenol	4.200	J	1.2	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Methylnaphthalene	4.500	J	1.6	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Methylphenol	3.900	J	0.82	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Nitroaniline	3.900	J	1.7	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	2-Nitrophenol	4.300	J	1.2	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	3,3-Dichlorobenzidine	4.900	J	1.7	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	3-Nitroaniline	3.800	J	1.5	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4,6-Dinitro-2-methylphenol	3.500	J	1.2	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Bromophenyl-phenylether	3.900	J	1.4	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Chloro-3-methylphenol	4.300	J	2	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Chloroaniline	4.100	J	1.8	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Chlorophenyl-phenylether	4.600	J	0.96	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Methylphenol	4.100	J	1.2	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Nitroaniline	4.000	J	1.2	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	4-Nitrophenol	4.400	J	1.4	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Acenaphthene	4.300	J	1.1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Acenaphthylene	4.400	J	1.1	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Acetophenone	4.200	J	0.89	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Anthracene	4.100	J	0.72	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Atrazine	5.200	J	0.96	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Benzaldehyde	5.500	J	2.3	10	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Benzo(a)anthracene	4.300	J	0.56	5	ug/L
P1601-01	MDL-WATER-QT1-2024 Water	Benzo(a)pyrene	4.200	J	1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BG031124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(b)fluoranthene	4.200	J	1.1	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(g,h,i)perylene	4.300	J	1.1	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Benzo(k)fluoranthene	4.100	J	1.1	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Bis(2-Chloroethoxy)methane	4.300	J	1.2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Bis(2-Chloroethyl)ether	4.200	J	1.3	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Bis(2-ethylhexyl)phthalate	3.800	J	0.87	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Butylbenzylphthalate	3.700	J	0.97	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Caprolactam	4.800	J	2.9	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Carbazole	4.300	J	1	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Chrysene	4.300	J	0.75	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Di-n-butylphthalate	4.000	J	0.81	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Di-n-octyl phthalate	3.800	J	1.5	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Dibenzo(a,h)anthracene	4.100	J	1.2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Dibenzofuran	4.400	J	0.87	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Diethylphthalate	4.400	J	0.87	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Dimethylphthalate	4.400	J	1.3	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Fluoranthene	4.300	J	0.65	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Fluorene	4.400	J	0.87	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachlorobenzene	4.100	J	0.56	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachlorobutadiene	4.600	J	0.98	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachlorocyclopentadiene	3.100	J	3.1	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Hexachloroethane	4.400	J	1.5	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Indeno(1,2,3-cd)pyrene	4.100	J	1.4	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Isophorone	4.300	J	1.1	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	N-Nitroso-di-n-propylamine	4.400	J	1.5	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	N-Nitrosodiphenylamine	4.200	J	0.71	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Naphthalene	4.500	J	0.7	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Nitrobenzene	4.800	J	0.99	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pentachlorobenzene	4.600	J	1.2	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pentachlorophenol	3.600	J	2.5	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Phenanthrene	4.400	J	0.97	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Phenol	4.200	J	1.5	10 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pyrene	4.300	J	0.53	5 ug/L
P1601-01	MDL-WATER-QT1-2024	Water	Pyridine	4.100	J	2.2	10 ug/L
Total Svoc :			299.20				
Total Concentration:			299.20				
Client ID :	MDL-SOIL-QT1-2024-01						
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Total Alkanes	*	0.000	26	170 ug/Kg
			Total Tics :	0.00			
P1601-03	MDL-SOIL-QT1-2024-01	Solid	1,1-Biphenyl	140.000	J	26	170 ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	17	170 ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	1,2,4,5-Tetrachlorobenzene	140.000	J	34	170 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-03	MDL-SOIL-QT1-2024-0	Solid	1,4-Dioxane	33.000	J	27	66	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	1-Methylnaphthalene	160.000	J	24	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	40	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	36	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4,5-Trichlorophenol	140.000	J	33	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4,6-Trichlorophenol	130.000	J	24	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dichlorophenol	140.000	J	38	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dimethylphenol	100.000	J	32	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrophenol	130.000	J	130	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrotoluene	130.000	J	35	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2,6-Dinitrotoluene	140.000	J	20	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Chloronaphthalene	140.000	J	33	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Chlorophenol	140.000	J	28	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Methylnaphthalene	150.000	J	32	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Methylphenol	130.000	J	31	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Nitroaniline	130.000	J	45	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	2-Nitrophenol	160.000	J	60	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	3,3-Dichlorobenzidine	160.000	J	52	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	3-Nitroaniline	130.000	J	66	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4,6-Dinitro-2-methylphenol	120.000	J	38	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Bromophenyl-phenylether	140.000	J	26	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Chloro-3-methylphenol	140.000	J	41	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Chloroaniline	140.000	J	36	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Chlorophenyl-phenylether	150.000	J	20	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Methylphenol	140.000	J	53	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Nitroaniline	150.000	J	24	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	4-Nitrophenol	140.000	J	44	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Acenaphthene	150.000	J	26	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Acenaphthylene	150.000	J	29	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Acetophenone	140.000	J	66	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Anthracene	140.000	J	25	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Atrazine	160.000	J	28	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzaldehyde	200.000	J	58	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)anthracene	140.000	J	23	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)pyrene	150.000	J	31	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(b)fluoranthene	140.000	J	37	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(g,h,i)perylene	130.000	J	32	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Benzo(k)fluoranthene	140.000	J	38	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethoxy)methane	140.000	J	45	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethyl)ether	140.000	J	29	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	25	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-0	Solid	Butylbenzylphthalate	130.000	J	22	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BG031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Caprolactam	160.000	J	64	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Carbazole	140.000	J	34	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Chrysene	140.000	J	24	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Di-n-butylphthalate	130.000	J	27	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Di-n-octyl phthalate	130.000	J	48	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Dibenzo(a,h)anthracene	140.000	J	26	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Dibenzofuran	150.000	J	27	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Diethylphthalate	140.000	J	33	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Dimethylphthalate	150.000	J	30	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Fluoranthene	150.000	J	19	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Fluorene	150.000	J	27	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachlorobenzene	150.000	J	28	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachlorobutadiene	150.000	J	35	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachlorocyclopentadiene	130.000	J	97	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Hexachloroethane	140.000	J	61	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	28	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Isophorone	140.000	J	66	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	N-Nitroso-di-n-propylamine	150.000	J	79	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	N-Nitrosodiphenylamine	140.000	J	24	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Naphthalene	150.000	J	24	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Nitrobenzene	150.000	J	64	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pentachlorobenzene	150.000	J	37	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pentachlorophenol	130.000	J	88	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Phenanthrene	150.000	J	27	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Phenol	140.000	J	30	330	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pyrene	150.000	J	18	170	ug/Kg
P1601-03	MDL-SOIL-QT1-2024-01	Solid	Pyridine	130.000	J	77	330	ug/Kg
Total Svoc :				10,113.00				
Total Concentration:				10,113.00				
Client ID :	MDL-MED-SOIL-QT1-2024-01							
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Total Alkanes	*	0.000	860	4700	ug/Kg
Total Tics :				0.00				
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,1-Biphenyl	4,100.000	J	860	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,2,3,4-Tetrachlorobenzene	4,100.000	J	2100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,2,4,5-Tetrachlorobenzene	4,100.000	J	830	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1,4-Dioxane	980.000	J	890	1900	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	1-Methylnaphthalene	4,400.000	J	580	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,2-oxybis(1-Chloropropane)	4,300.000	J	1900	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,3,4,6-Tetrachlorophenol	3,500.000	J	1700	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4,5-Trichlorophenol	3,700.000	J	910	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4,6-Trichlorophenol	3,700.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dichlorophenol	4,300.000	J	710	4700	ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BG031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dimethylphenol	2,700.000	J	560	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrophenol	4,100.000	J	3400	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrotoluene	3,800.000	J	910	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2,6-Dinitrotoluene	3,900.000	J	1400	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Chloronaphthalene	3,900.000	J	800	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Chlorophenol	4,100.000	J	1400	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Methylnaphthalene	4,300.000	J	720	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Methylphenol	3,700.000	J	1100	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Nitroaniline	3,700.000	J	1500	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	2-Nitrophenol	4,400.000	J	820	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	3,3-Dichlorobenzidine	4,800.000	J	1900	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	3-Nitroaniline	3,900.000	J	1200	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4,6-Dinitro-2-methylphenol	3,500.000	J	2400	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Bromophenyl-phenylether	4,100.000	J	1800	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Chloro-3-methylphenol	4,000.000	J	1000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Chloroaniline	4,000.000	J	850	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Chlorophenyl-phenylether	4,200.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Methylphenol	3,900.000	J	1400	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Nitroaniline	4,100.000	J	1100	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	4-Nitrophenol	3,900.000	J	1500	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Acenaphthene	4,100.000	J	740	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Acenaphthylene	4,200.000	J	820	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Acetophenone	4,200.000	J	1400	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Anthracene	3,900.000	J	540	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Atrazine	4,800.000	J	2000	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzaldehyde	5,600.000	J	2000	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)anthracene	4,100.000	J	730	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)pyrene	4,000.000	J	930	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(b)fluoranthene	4,000.000	J	920	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(g,h,i)perylene	3,800.000	J	850	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Benzo(k)fluoranthene	3,900.000	J	790	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethoxy)methane	4,000.000	J	920	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethyl)ether	4,200.000	J	1800	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	540	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Butylbenzylphthalate	3,700.000	J	490	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Caprolactam	4,400.000	J	1900	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Carbazole	3,800.000	J	900	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Chrysene	4,000.000	J	610	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Di-n-butylphthalate	3,800.000	J	800	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Di-n-octyl phthalate	3,600.000	J	1200	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Dibenzo(a,h)anthracene	3,900.000	J	730	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Dibenzofuran	4,100.000	J	740	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG031124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Diethylphthalate	4,000.000	J	1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Dimethylphthalate	4,100.000	J	770	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Fluoranthene	4,100.000	J	570	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Fluorene	4,300.000	J	1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobenzene	4,100.000	J	2100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobutadiene	4,200.000	J	1100	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachlorocyclopentadiene	3,800.000	J	2500	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Hexachloroethane	4,300.000	J	1600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Indeno(1,2,3-cd)pyrene	3,900.000	J	880	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Isophorone	3,900.000	J	1000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	N-Nitroso-di-n-propylamine	4,400.000	J	2000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	N-Nitrosodiphenylamine	4,000.000	J	2600	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Naphthalene	4,200.000	J	530	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Nitrobenzene	4,500.000	J	1700	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pentachlorobenzene	4,500.000	J	2000	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pentachlorophenol	3,800.000	J	3100	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Phenanthrene	4,100.000	J	650	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Phenol	4,000.000	J	1400	9400	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pyrene	4,400.000	J	580	4700	ug/Kg
P1601-05	MDL-MED-SOIL-QT1-2	Solid	Pyridine	3,900.000	J	3300	9400	ug/Kg
Total Svoc :				288,580.00				
Total Concentration:				288,580.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG030824

SAS No.: BG030824

SDG No.: BG030824

Instrument ID:

Calibration Date(s): 3/8/2024 1:

Calibration Time(s): 11:14

LAB FILE ID:		RRFAL1 = BG060595.D		RRFAL2 = BG060596.D		RRFAL3 = BG060597.D		
		RRFAL4 = BG060598.D		RRFAL5 = BG060599.D		RRFAL6 = BG060600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.437	0.599	0.585	0.613	0.575		0.562	12.7
Benzaldehyde		1.017	1.191	1.096	0.860	0.719	0.977	19.3
Pyridine		1.445	1.691	1.766	1.752	1.753	1.681	8.0
Hexachloroethane	0.532	0.539	0.583	0.650	0.651		0.591	9.8
Nitrobenzene	0.275	0.304	0.360	0.411	0.431		0.356	18.8
Isophorone	0.753	0.817	0.862	0.910	0.890		0.846	7.4
2-Nitrophenol	0.101	0.125	0.144	0.176	0.179		0.145	23.0
2,4-Dimethylphenol	0.350	0.370	0.390	0.434	0.421		0.393	8.9
Bis(2-Chloroethoxy)methane	0.460	0.481	0.492	0.513	0.516		0.492	4.7
2,4-Dichlorophenol	0.284	0.306	0.329	0.349	0.348		0.323	8.7
Naphthalene	1.133	1.143	1.174	1.242	1.221		1.182	4.0
4-Chloroaniline		0.480	0.491	0.516	0.486	0.483	0.491	3.0
Hexachlorobutadiene	0.224	0.230	0.239	0.250	0.253		0.239	5.3
Phenol		1.858	1.987	2.214	2.194	2.173	2.085	7.5
Caprolactam		0.105	0.107	0.117	0.112	0.113	0.111	4.2
4-Chloro-3-methylphenol	0.354	0.364	0.393	0.416	0.413		0.388	7.2
1-Methylnaphthalene	0.747	0.777	0.778	0.813	0.776		0.778	3.0
2-Methylnaphthalene	0.732	0.768	0.783	0.812	0.789		0.777	3.8
Hexachlorocyclopentadiene		0.326	0.356	0.422	0.454	0.445	0.401	14.1
2,4,6-Trichlorophenol	0.352	0.378	0.400	0.455	0.465		0.410	11.9
2,4,5-Trichlorophenol	0.384	0.385	0.434	0.492	0.491		0.437	12.3
1,1-Biphenyl	1.544	1.556	1.558	1.698	1.672		1.606	4.6
2-Chloronaphthalene	1.205	1.227	1.254	1.340	1.347		1.274	5.1
2-Nitroaniline	0.251	0.287	0.337	0.422	0.443		0.348	23.9
Bis(2-Chloroethyl)ether		1.502	1.640	1.737	1.731	1.671	1.656	5.8
Dimethylphthalate	1.553	1.576	1.588	1.710	1.641		1.614	3.9
2,6-Dinitrotoluene	0.161	0.187	0.229	0.279	0.304		0.232	25.9
Acenaphthylene	2.020	2.101	2.086	2.258	2.146		2.122	4.2
3-Nitroaniline		0.230	0.255	0.293	0.286	0.302	0.273	10.9
Acenaphthene	1.380	1.388	1.380	1.464	1.432		1.409	2.7
2,4-Dinitrophenol		0.066	0.085	0.122	0.144	0.172	0.118	36.6
4-Nitrophenol		0.185	0.210	0.254	0.246	0.260	0.231	14.0
Dibenzofuran	1.865	1.860	1.857	1.965	1.906		1.891	2.4
2,4-Dinitrotoluene	0.222	0.246	0.316	0.388	0.403		0.315	25.8
Diethylphthalate	1.601	1.617	1.607	1.737	1.668		1.646	3.5
2-Chlorophenol	1.325	1.380	1.519	1.657	1.662		1.509	10.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG030824

SAS No.: BG030824

SDG No.: BG030824

Instrument ID:

Calibration Date(s): 3/8/2024 1:

Calibration Time(s): 11:14

LAB FILE ID:		RRFAL1 = BG060595.D		RRFAL2 = BG060596.D		RRFAL3 = BG060597.D		
		RRFAL4 = BG060598.D		RRFAL5 = BG060599.D		RRFAL6 = BG060600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.543	1.575	1.539	1.619	1.556		1.566	2.1
4-Chlorophenyl-phenylether	0.764	0.776	0.767	0.826	0.790		0.784	3.2
4-Nitroaniline		0.224	0.262	0.294	0.281	0.299	0.272	11.2
4,6-Dinitro-2-methylphenol		0.057	0.076	0.098	0.105	0.112	0.090	25.3
N-Nitrosodiphenylamine	0.590	0.623	0.653	0.681	0.649		0.639	5.4
1,2,4,5-Tetrachlorobenzene	0.617	0.627	0.639	0.701	0.707		0.658	6.5
4-Bromophenyl-phenylether	0.202	0.221	0.234	0.250	0.243		0.230	8.2
Hexachlorobenzene	0.252	0.266	0.281	0.294	0.281		0.275	5.8
Atrazine		0.211	0.229	0.234	0.211	0.197	0.217	7.1
Pentachlorophenol		0.105	0.133	0.165	0.174	0.180	0.151	20.9
2-Methylphenol		1.441	1.561	1.711	1.711	1.700	1.625	7.4
Phenanthrene	1.099	1.147	1.166	1.206	1.122		1.148	3.6
Pentachlorobenzene	0.290	0.295	0.305	0.323	0.325		0.308	5.2
Anthracene	1.086	1.158	1.192	1.251	1.158		1.169	5.1
1,2,3,4-Tetrachlorobenzene	0.263	0.284	0.299	0.319	0.329		0.299	8.9
Carbazole		1.004	1.026	1.075	0.997	0.911	1.002	6.0
Di-n-butylphthalate	1.042	1.210	1.281	1.355	1.233		1.224	9.5
Fluoranthene	1.340	1.397	1.482	1.525	1.405		1.430	5.1
Pyrene	1.418	1.488	1.545	1.574	1.462		1.498	4.2
Butylbenzylphthalate	0.441	0.518	0.562	0.619	0.614		0.551	13.4
3,3-Dichlorobenzidine		0.435	0.477	0.506	0.455	0.414	0.457	7.9
2,2-oxybis (1-Chloropropane)		3.061	3.273	3.525	3.517	3.371	3.349	5.8
Benzo (a) anthracene	1.387	1.440	1.509	1.587	1.503		1.485	5.1
Chrysene	1.337	1.395	1.419	1.497	1.422		1.414	4.1
Bis (2-ethylhexyl) phthalate	0.692	0.748	0.847	0.912	0.893		0.818	11.6
Di-n-octyl phthalate		1.096	1.210	1.369	1.359	1.184	1.244	9.5
Benzo (b) fluoranthene	1.083	1.141	1.203	1.340	1.311		1.216	9.0
Benzo (k) fluoranthene	1.159	1.233	1.268	1.360	1.326		1.269	6.2
Benzo (a) pyrene	1.068	1.117	1.175	1.273	1.264		1.179	7.6
Indeno (1,2,3-cd) pyrene	1.267	1.344	1.450	1.607	1.614		1.456	10.6
Dibenzo (a,h) anthracene	1.040	1.081	1.187	1.299	1.345		1.190	11.1
Benzo (g,h,i) perylene	1.038	1.098	1.142	1.280	1.288		1.169	9.5
Acetophenone		2.496	2.710	2.893	2.837	2.716	2.731	5.6
2,3,4,6-Tetrachlorophenol	0.312	0.347	0.372	0.418	0.413		0.372	12.1
1,4-Dioxane-d8	0.488	0.541	0.510	0.579	0.531		0.530	6.5
Pyridine-d5		1.446	1.641	1.780	1.708	1.714	1.658	7.7

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.: BG030824

SAS No.: BG030824

SDG No.: BG030824

Instrument ID: _____

Calibration Date(s): 3/8/2024 1: _____

Calibration Time(s): 11:14 _____

LAB FILE ID:		RRFAL1 = BG060595.D			RRFAL2 = BG060596.D		RRFAL3 = BG060597.D	
		RRFAL4 = BG060598.D			RRFAL5 = BG060599.D		RRFAL6 = BG060600.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.803	1.962	2.157	2.188	2.195	2.061	8.4
Bis-(2-Chloroethyl)ether-d8		1.236	1.344	1.391	1.366	1.344	1.336	4.4
2-Chlorophenol-d4	1.273	1.295	1.457	1.571	1.609		1.441	10.7
4-Methylphenol-d8		1.382	1.532	1.695	1.705	1.688	1.600	8.8
Nitrobenzene-d5	0.092	0.107	0.129	0.150	0.160		0.128	22.3
2-Nitrophenol-d4	0.088	0.104	0.123	0.154	0.159		0.126	24.5
2,4-Dichlorophenol-d3	0.283	0.307	0.322	0.354	0.352		0.324	9.3
4-Chloroaniline-d4		0.489	0.492	0.529	0.506	0.500	0.503	3.2
4-Methylphenol		1.560	1.690	1.857	1.866	1.874	1.769	7.9
Dimethylphthalate-d6	1.478	1.558	1.575	1.686	1.631		1.586	5.0
Acenaphthylene-d8	1.733	1.832	1.833	1.967	1.918		1.857	4.9
4-Nitrophenol-d4		0.189	0.219	0.260	0.255	0.271	0.239	14.2
Fluorene-d10	1.381	1.361	1.354	1.461	1.410		1.393	3.1
4,6-Dinitro-2-methylphenol-		0.054	0.068	0.087	0.095	0.102	0.081	24.7
Anthracene-d10	0.904	0.961	0.994	1.058	0.998		0.983	5.7
Pyrene-d10	1.095	1.198	1.234	1.283	1.215		1.205	5.8
Benzo(a)pyrene-d12	0.912	0.964	1.027	1.132	1.138		1.035	9.7
N-Nitroso-di-n-propylamine	1.162	1.242	1.376	1.460	1.454		1.339	9.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG NO.: BG031124EPA Sample No.: SSTD020408 Date Analyzed: Mar 11 2024 12:00AMLab File ID: BG060597.D Time Analyzed: 09:43Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	81414	8.326	388502	11.17	265929	14.95
UPPER LIMIT	162828	8.826	777004	11.67	531858	15.448
LOWER LIMIT	40707	7.826	194251	10.67	132964.5	14.448
EPA SAMPLE NO.						
01 SBLK425	78119	8.33	363246	11.17	259743	14.95
02 MDL-WATER-QT1-2024-01	85098	8.33	388163	11.17	265786	14.95
03 MDL-SOIL-QT1-2024-01	88693	8.33	418433	11.17	289532	14.95
04 MDL-MED-SOIL-QT1-2024-01	92049	8.33	447738	11.17	301902	14.95
05 SBLK444	79061	8.33	363177	11.17	252516	14.95
06 SBLK446	86112	8.32	398794	11.17	273516	14.95

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG NO.: BG031124

EPA Sample No.: SSTD020487 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BG060603.D Time Analyzed: 09:43

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	93975	8.326	435668	11.18	298633	14.95
UPPER LIMIT	187950	8.826	871336	11.676	597266	15.453
LOWER LIMIT	46987.5	7.826	217834	10.676	149316.5	14.453
EPA SAMPLE NO.						
01 SBLK425	78119	8.33	363246	11.17	259743	14.95
02 MDL-WATER-QT1-2024-01	85098	8.33	388163	11.17	265786	14.95
03 MDL-SOIL-QT1-2024-01	88693	8.33	418433	11.17	289532	14.95
04 MDL-MED-SOIL-QT1-2024-01	92049	8.33	447738	11.17	301902	14.95
05 SBLK444	79061	8.33	363177	11.17	252516	14.95
06 SBLK446	86112	8.32	398794	11.17	273516	14.95

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG NO.: BG031124

EPA Sample No.: SSTD020408 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BG060597.D Time Analyzed: 09:43

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	553862	17.697	491668	22.022	558295	25.576
UPPER LIMIT	1107724	18.197	983336	22.522	1116590	26.076
LOWER LIMIT	276931	17.197	245834	21.522	279147.5	25.076
EPA SAMPLE NO.						
01 SBLK425	552296	17.70	480185	22.02	557548	25.59
02 MDL-WATER-QT1-2024-01	591209	17.70	544541	22.02	608879	25.59
03 MDL-SOIL-QT1-2024-01	641172	17.70	570585	22.03	636641	25.59
04 MDL-MED-SOIL-QT1-2024-01	659968	17.70	568922	22.02	634261	25.58
05 SBLK444	543259	17.70	490549	22.02	560159	25.58
06 SBLK446	579769	17.70	509808	22.02	580842	25.59

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG031124 SAS No.: BG031124 SDG NO.: BG031124

EPA Sample No.: SSTD020487 Date Analyzed: Mar 11 2024 12:00AM

Lab File ID: BG060603.D Time Analyzed: 09:43

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	638632	17.703	564870	22.027	643636	25.588
UPPER LIMIT	1277264	18.203	1129740	22.527	1287272	26.088
LOWER LIMIT	319316	17.203	282435	21.527	321818	25.088
EPA SAMPLE NO.						
01 SBLK425	552296	17.70	480185	22.02	557548	25.59
02 MDL-WATER-QT1-2024-01	591209	17.70	544541	22.02	608879	25.59
03 MDL-SOIL-QT1-2024-01	641172	17.70	570585	22.03	636641	25.59
04 MDL-MED-SOIL-QT1-2024-01	659968	17.70	568922	22.02	634261	25.58
05 SBLK444	543259	17.70	490549	22.02	560159	25.58
06 SBLK446	579769	17.70	509808	22.02	580842	25.59

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.

SBLK425

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BG031124

SAS No.: BG031124 SDG NO.: BG031124

Lab File ID: BG060604.D

Lab Sample ID: PB159425BL

Instrument ID: BNA_G

Date Extracted: 03/04/2024

Matrix: (soil/water) Water

Date Analyzed: 03/11/2024

Level: (low/med) LOW

Time Analyzed: 09:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT1-2024-01	P1601-01	BG060605.D	03/11/2024

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK444

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031124SAS No.: BG031124 SDG NO.: BG031124Lab File ID: BG060608.DLab Sample ID: PB159444BLInstrument ID: BNA_GDate Extracted: 03/05/2024Matrix: (soil/water) SolidDate Analyzed: 03/11/2024Level: (low/med) LOWTime Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT1-2024-01	P1601-03	BG060606.D	03/11/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG031124SAS No.: BG031124 SDG NO.: BG031124Lab File ID: BG060609.DLab Sample ID: PB159446BLInstrument ID: BNA_GDate Extracted: 03/05/2024Matrix: (soil/water) SolidDate Analyzed: 03/11/2024Level: (low/med) MEDTime Analyzed: 13:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT1-2024-01	P1601-05	BG060607.D	03/11/2024

COMMENTS: _____



Surrogate Summary

SW-846

SDG No.: BG031124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-01	MDL-WATER-QT1	BG060605.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	20.74	52		20	120
			Phenol-d5	40	20.56	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.79	52		25	120
			2-Chlorophenol-d4	40	21.53	54		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	23.42	59		20	125
			2-Nitrophenol-d4	40	21.80	54		20	130
			2,4-Dichlorophenol-d3	40	21.44	54		20	120
			4-Chloroaniline-d4	40	20.58	51		1	146
			Dimethylphthalate-d6	40	21.89	55		25	130
			Acenaphthylene-d8	40	22.09	55		10	130
			4-Nitrophenol-d4	40	19.39	48		10	150
			Fluorene-d10	40	21.98	55		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.93	40		10	130
			Anthracene-d10	40	20.38	51		25	130
			Pyrene-d10	40	21.51	54		15	130
			Benzo(a)pyrene-d12	40	21.64	54		20	130
PB159425BL	PB159425BL	BG060604.D	Pyridine-d5	40	28.93	72		20	120
			1,4-Dioxane-d8	8	6.45	81		15	120
			Phenol-d5	40	29.66	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.82	75		25	120
			2-Chlorophenol-d4	40	31.07	78		20	130
			4-Methylphenol-d8	40	29.49	74		25	125
			Nitrobenzene-d5	40	34.31	86		20	125
			2-Nitrophenol-d4	40	32.73	82		20	130
			2,4-Dichlorophenol-d3	40	30.59	76		20	120
			4-Chloroaniline-d4	40	31.23	78		1	146
			Dimethylphthalate-d6	40	31.73	79		25	130
			Acenaphthylene-d8	40	31.03	78		10	130
			4-Nitrophenol-d4	40	24.38	61		10	150
			Fluorene-d10	40	31.26	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.65	49		10	130
			Anthracene-d10	40	32.09	80		25	130
			Pyrene-d10	40	33.04	83		15	130
			Benzo(a)pyrene-d12	40	32.80	82		20	130

Surrogate Summary

SW-846

SDG No.: BG031124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-03	MDL-SOIL-QT1-2(BG060606.D		1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	21.09	53		20	120
			Phenol-d5	40	21.04	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.85	52		10	150
			2-Chlorophenol-d4	40	21.88	55		15	120
			4-Methylphenol-d8	40	20.81	52		10	140
			Nitrobenzene-d5	40	24.57	61		10	135
			2-Nitrophenol-d4	40	22.72	57		10	120
			2,4-Dichlorophenol-d3	40	20.95	52		10	140
			4-Chloroaniline-d4	40	21.02	53		1	145
			Dimethylphthalate-d6	40	21.81	55		10	145
			Acenaphthylene-d8	40	21.86	55		15	120
			4-Nitrophenol-d4	40	19.38	48		10	150
			Fluorene-d10	40	21.75	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.82	40		10	130
			Anthracene-d10	40	20.29	51		10	150
			Pyrene-d10	40	21.89	55		10	130
			Benzo(a)pyrene-d12	40	21.95	55		10	140
PB159444BL	PB159444BL	BG060608.D	1,4-Dioxane-d8	8	6.28	78		15	120
			Pyridine-d5	40	29.25	73		20	120
			Phenol-d5	40	29.40	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.63	77		10	150
			2-Chlorophenol-d4	40	31.88	80		15	120
			4-Methylphenol-d8	40	30.50	76		10	140
			Nitrobenzene-d5	40	36.13	90		10	135
			2-Nitrophenol-d4	40	34.36	86		10	120
			2,4-Dichlorophenol-d3	40	31.36	78		10	140
			4-Chloroaniline-d4	40	32.00	80		1	145
			Dimethylphthalate-d6	40	32.65	82		10	145
			Acenaphthylene-d8	40	32.29	81		15	120
			4-Nitrophenol-d4	40	27.30	68		10	150
			Fluorene-d10	40	32.59	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.49	61		10	130
			Anthracene-d10	40	34.60	87		10	150
			Pyrene-d10	40	35.28	88		10	130
			Benzo(a)pyrene-d12	40	35.73	89		10	140

Surrogate Summary

SW-846

SDG No.: BG031124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-05	MDL-MED-SOIL-(BG060607.D		Pyridine-d5	40	21.82	55		20	120
			1,4-Dioxane-d8	8	5.11	64		15	120
			Phenol-d5	40	21.57	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.36	53		10	150
			2-Chlorophenol-d4	40	22.33	56		15	120
			4-Methylphenol-d8	40	21.06	53		10	140
			Nitrobenzene-d5	40	23.78	59		10	135
			2-Nitrophenol-d4	40	22.71	57		10	120
			2,4-Dichlorophenol-d3	40	21.22	53		10	140
			4-Chloroaniline-d4	40	20.54	51		1	145
			Dimethylphthalate-d6	40	21.66	54		10	145
			Acenaphthylene-d8	40	21.78	54		15	120
			4-Nitrophenol-d4	40	19.47	49		10	150
			Fluorene-d10	40	21.67	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.04	40		10	130
			Anthracene-d10	40	19.97	50		10	150
			Pyrene-d10	40	22.05	55		10	130
			Benzo(a)pyrene-d12	40	21.92	55		10	140
PB159446BL	PB159446BL	BG060609.D	1,4-Dioxane-d8	8	6.27	78		15	120
			Pyridine-d5	40	27.78	69		20	120
			Phenol-d5	40	29.33	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.75	77		10	150
			2-Chlorophenol-d4	40	30.67	77		15	120
			4-Methylphenol-d8	40	29.47	74		10	140
			Nitrobenzene-d5	40	35.97	90		10	135
			2-Nitrophenol-d4	40	35.03	88		10	120
			2,4-Dichlorophenol-d3	40	30.45	76		10	140
			4-Chloroaniline-d4	40	32.26	81		1	145
			Dimethylphthalate-d6	40	32.89	82		10	145
			Acenaphthylene-d8	40	32.58	81		15	120
			4-Nitrophenol-d4	40	27.66	69		10	150
			Fluorene-d10	40	32.23	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.97	62		10	130
			Anthracene-d10	40	34.34	86		10	150
			Pyrene-d10	40	35.81	90		10	130
			Benzo(a)pyrene-d12	40	35.77	89		10	140



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BG031124Lab Code: CHEMSAS No.: BG031124 SDG NO.: BG031124Lab File ID: BG060602.DDFTPP Injection Date: 03/11/2024Instrument ID: BNA_GDFTPP Injection Time: 08:10

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	93.2
443	15.0 - 24.0% of mass 442	18.2 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020487	SSTDCCC020	BG060603.D	03/11/2024	08:57
SBLK425	PB159425BL	BG060604.D	03/11/2024	09:43
MDL-WATER-QT1-2024-01	P1601-01	BG060605.D	03/11/2024	10:28
MDL-SOIL-QT1-2024-01	P1601-03	BG060606.D	03/11/2024	11:16
MDL-MED-SOIL-QT1-2024-01	P1601-05	BG060607.D	03/11/2024	12:04
SBLK444	PB159444BL	BG060608.D	03/11/2024	12:54
SBLK446	PB159446BL	BG060609.D	03/11/2024	13:34
SSTD020488	SSTDCCC020EC	BG060610.D	03/11/2024	14:38