



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:09:31

Lab File ID: BN030366.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020324 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.569	0.538	0.010	-5.3877	40.0
Benzaldehyde	0.827	0.928	0.010	12.2355	40.0
Pyridine	1.439	1.345	0.010	-6.5664	40.0
Phenol	1.766	1.564	0.080	-11.4086	20.0
Bis(2-Chloroethyl) ether	1.411	1.267	0.100	-10.2119	20.0
2-Chlorophenol	1.463	1.386	0.200	-5.2513	20.0
2-Methylphenol	1.324	1.240	0.010	-6.3615	20.0
2,2-oxybis(1-Chloropropane)	1.283	1.127	0.010	-12.1719	40.0
Acetophenone	2.248	2.135	0.060	-5.034	20.0
4-Methylphenol	1.399	1.331	0.010	-4.878	20.0
N-Nitroso-di-n-propylamine	1.076	1.045	0.050	-2.8727	30.0
Hexachloroethane	0.679	0.636	0.100	-6.4652	20.0
Nitrobenzene	0.431	0.400	0.050	-7.0221	25.0
Isophorone	0.744	0.710	0.050	-4.649	25.0
2-Nitrophenol	0.188	0.181	0.050	-3.7787	25.0
2,4-Dimethylphenol	0.389	0.366	0.050	-5.9389	25.0
Bis(2-Chloroethoxy) methane	0.437	0.412	0.050	-5.7045	20.0
2,4-Dichlorophenol	0.313	0.309	0.060	-1.5239	20.0
Naphthalene	1.142	1.085	0.200	-4.9248	20.0
4-Chloroaniline	0.450	0.425	0.010	-5.7369	40.0
Hexachlorobutadiene	0.219	0.211	0.040	-3.5627	30.0
Caprolactam	0.093	0.087	0.010	-6.3051	40.0
4-Chloro-3-methylphenol	0.355	0.363	0.040	2.4479	25.0
1-Methylnaphthalene	0.735	0.726	0.100	-1.1747	20.0
2-Methylnaphthalene	0.744	0.745	0.100	0.2366	20.0
Hexachlorocyclopentadiene	0.473	0.467	0.010	-1.3739	40.0
2,4,6-Trichlorophenol	0.401	0.392	0.090	-2.164	25.0
2,4,5-Trichlorophenol	0.438	0.420	0.100	-3.9905	25.0
1,1-Biphenyl	1.688	1.555	0.200	-7.8958	20.0
2-Chloronaphthalene	1.311	1.213	0.300	-7.4835	20.0
2-Nitroaniline	0.378	0.355	0.050	-6.0685	40.0
Dimethylphthalate	1.639	1.591	0.300	-2.9275	20.0
2,6-Dinitrotoluene	0.316	0.303	0.080	-4.2744	30.0
Acenaphthylene	2.125	1.967	0.400	-7.4641	20.0
3-Nitroaniline	0.310	0.294	0.010	-5.3422	40.0
Acenaphthene	1.408	1.324	0.200	-5.9587	20.0
2,4-Dinitrophenol	0.178	0.185	0.010	4.1723	40.0
4-Nitrophenol	0.324	0.291	0.010	-10.0774	40.0
Dibenzofuran	1.878	1.776	0.300	-5.4587	20.0
2,4-Dinitrotoluene	0.452	0.447	0.070	-1.0787	30.0
Diethylphthalate	1.752	1.696	0.300	-3.1701	20.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:09:31

Lab File ID: BN030366.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020324 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.551	1.454	0.200	-6.2506	20.0
4-Chlorophenyl-phenylether	0.742	0.708	0.100	-4.5732	20.0
4-Nitroaniline	0.287	0.284	0.010	-1.119	40.0
4,6-Dinitro-2-methylphenol	0.135	0.132	0.010	-2.3703	40.0
N-Nitrosodiphenylamine	0.631	0.631	0.050	-0.0328	20.0
1,2,4,5-Tetrachlorobenzene	0.632	0.596	0.100	-5.6444	20.0
4-Bromophenyl-phenylether	0.214	0.221	0.070	3.0566	20.0
Hexachlorobenzene	0.235	0.240	0.050	2.1537	25.0
Atrazine	0.217	0.211	0.010	-2.8117	25.0
Pentachlorophenol	0.159	0.138	0.010	-12.948	40.0
Phenanthrene	1.166	1.114	0.200	-4.5153	20.0
Pentachlorobenzene	0.278	0.277	0.050	-0.64	20.0
Anthracene	1.187	1.135	0.200	-4.3438	20.0
1,2,3,4-Tetrachlorobenzene	0.299	0.293	0.050	-1.7653	20.0
Carbazole	1.054	0.961	0.050	-8.8239	40.0
Di-n-butylphthalate	1.464	1.389	0.500	-5.1669	25.0
Fluoranthene	1.556	1.610	0.400	3.4359	25.0
Pyrene	1.600	1.709	0.400	6.8404	25.0
Butylbenzylphthalate	0.766	0.770	0.100	0.5349	40.0
3,3-Dichlorobenzidine	0.435	0.406	0.010	-6.608	40.0
Benzo(a)anthracene	1.501	1.448	0.300	-3.5158	30.0
Chrysene	1.392	1.355	0.200	-2.6192	30.0
Bis(2-ethylhexyl)phthalate	1.160	1.131	0.200	-2.4862	40.0
Di-n-octyl phthalate	1.872	1.710	0.010	-8.6567	40.0
Benzo(b)fluoranthene	1.319	1.304	0.200	-1.0921	25.0
Benzo(k)fluoranthene	1.362	1.252	0.200	-8.0717	25.0
Benzo(a)pyrene	1.248	1.183	0.200	-5.2176	20.0
Indeno(1,2,3-cd)pyrene	1.484	1.453	0.200	-2.1017	25.0
Dibenzo(a,h)anthracene	1.210	1.180	0.200	-2.4535	30.0
Benzo(g,h,i)perylene	1.202	1.194	0.200	-0.6795	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.336	0.040	-4.5188	20.0
1,4-Dioxane-d8	0.593	0.565	0.010	-4.6933	25.0
Pyridine-d5	1.415	1.326	0.010	-6.2474	40.0
Phenol-d5	1.774	1.578	0.010	-11.0533	25.0
Bis-(2-Chloroethyl)ether-d8	1.008	0.884	0.050	-12.2504	25.0
2-Chlorophenol-d4	1.421	1.359	0.200	-4.3842	20.0
4-Methylphenol-d8	1.399	1.323	0.010	-5.3781	20.0
Nitrobenzene-d5	0.167	0.158	0.050	-5.0412	20.0
2-Nitrophenol-d4	0.175	0.173	0.050	-1.2267	30.0
2,4-Dichlorophenol-d3	0.312	0.309	0.060	-1.0797	20.0
4-Chloroaniline-d4	0.463	0.441	0.010	-4.7273	40.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:09:31

Lab File ID: BN030366.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020324 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.613	1.529	0.300	-5.1543	20.0
Acenaphthylene-d8	1.827	1.722	0.400	-5.7423	20.0
4-Nitrophenol-d4	0.286	0.248	0.010	-13.3979	40.0
Fluorene-d10	1.323	1.278	0.100	-3.3602	20.0
4,6-Dinitro-2-methylphenol-d2	0.125	0.121	0.010	-2.8587	40.0
Anthracene-d10	0.971	0.926	0.300	-4.6843	20.0
Pyrene-d10	1.270	1.325	0.300	4.2824	25.0
Benzo(a)pyrene-d12	1.048	1.024	0.010	-2.235	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.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:16:56

Lab File ID: BN030374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020325 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.569	0.549	0.010	-3.5674	40.0
Benzaldehyde	0.827	0.945	0.010	14.3023	40.0
Pyridine	1.439	1.365	0.010	-5.1286	40.0
Phenol	1.766	1.602	0.080	-9.2637	20.0
Bis(2-Chloroethyl)ether	1.411	1.236	0.100	-12.4476	20.0
2-Chlorophenol	1.463	1.447	0.200	-1.0443	20.0
2-Methylphenol	1.324	1.291	0.010	-2.4758	20.0
2,2-oxybis(1-Chloropropane)	1.283	1.008	0.010	-21.4535	40.0
Acetophenone	2.248	2.257	0.060	0.4155	20.0
4-Methylphenol	1.399	1.401	0.010	0.1357	20.0
N-Nitroso-di-n-propylamine	1.076	1.087	0.050	1.0418	30.0
Hexachloroethane	0.679	0.664	0.100	-2.3477	20.0
Nitrobenzene	0.431	0.405	0.050	-5.9906	25.0
Isophorone	0.744	0.722	0.050	-3.0001	25.0
2-Nitrophenol	0.188	0.192	0.050	1.7567	25.0
2,4-Dimethylphenol	0.389	0.395	0.050	1.52	25.0
Bis(2-Chloroethoxy)methane	0.437	0.406	0.050	-7.0997	20.0
2,4-Dichlorophenol	0.313	0.330	0.060	5.3517	20.0
Naphthalene	1.142	1.144	0.200	0.2377	20.0
4-Chloroaniline	0.450	0.459	0.010	1.9101	40.0
Hexachlorobutadiene	0.219	0.228	0.040	4.1638	30.0
Caprolactam	0.093	0.102	0.010	9.4042	40.0
4-Chloro-3-methylphenol	0.355	0.394	0.040	11.0795	25.0
1-Methylnaphthalene	0.735	0.776	0.100	5.5629	20.0
2-Methylnaphthalene	0.744	0.798	0.100	7.2866	20.0
Hexachlorocyclopentadiene	0.473	0.419	0.010	-11.3795	40.0
2,4,6-Trichlorophenol	0.401	0.405	0.090	1.114	25.0
2,4,5-Trichlorophenol	0.438	0.447	0.100	2.029	25.0
1,1-Biphenyl	1.688	1.597	0.200	-5.3603	20.0
2-Chloronaphthalene	1.311	1.264	0.300	-3.597	20.0
2-Nitroaniline	0.378	0.381	0.050	0.7152	40.0
Dimethylphthalate	1.639	1.690	0.300	3.0922	20.0
2,6-Dinitrotoluene	0.316	0.328	0.080	3.7743	30.0
Acenaphthylene	2.125	2.096	0.400	-1.4072	20.0
3-Nitroaniline	0.310	0.331	0.010	6.6653	40.0
Acenaphthene	1.408	1.407	0.200	-0.0879	20.0
2,4-Dinitrophenol	0.178	0.178	0.010	0.3693	40.0
4-Nitrophenol	0.324	0.372	0.010	14.7976	40.0
Dibenzofuran	1.878	1.902	0.300	1.2418	20.0
2,4-Dinitrotoluene	0.452	0.506	0.070	12.0843	30.0
Diethylphthalate	1.752	1.878	0.300	7.1865	20.0



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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:16:56

Lab File ID: BN030374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020325 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.551	1.637	0.200	5.5471	20.0
4-Chlorophenyl-phenylether	0.742	0.770	0.100	3.775	20.0
4-Nitroaniline	0.287	0.340	0.010	18.3701	40.0
4,6-Dinitro-2-methylphenol	0.135	0.131	0.010	-2.7233	40.0
N-Nitrosodiphenylamine	0.631	0.612	0.050	-3.089	20.0
1,2,4,5-Tetrachlorobenzene	0.632	0.591	0.100	-6.4083	20.0
4-Bromophenyl-phenylether	0.214	0.212	0.070	-1.0091	20.0
Hexachlorobenzene	0.235	0.247	0.050	5.2624	25.0
Atrazine	0.217	0.236	0.010	8.451	25.0
Pentachlorophenol	0.159	0.155	0.010	-2.1343	40.0
Phenanthrene	1.166	1.169	0.200	0.2501	20.0
Pentachlorobenzene	0.278	0.263	0.050	-5.5787	20.0
Anthracene	1.187	1.200	0.200	1.1303	20.0
1,2,3,4-Tetrachlorobenzene	0.299	0.262	0.050	-12.2665	20.0
Carbazole	1.054	1.073	0.050	1.8365	40.0
Di-n-butylphthalate	1.464	1.541	0.500	5.227	25.0
Fluoranthene	1.556	1.400	0.400	-10.0605	25.0
Pyrene	1.600	1.467	0.400	-8.2637	25.0
Butylbenzylphthalate	0.766	0.751	0.100	-2.0034	40.0
3,3-Dichlorobenzidine	0.435	0.477	0.010	9.6781	40.0
Benzo(a)anthracene	1.501	1.473	0.300	-1.8488	30.0
Chrysene	1.392	1.389	0.200	-0.2163	30.0
Bis(2-ethylhexyl)phthalate	1.160	1.139	0.200	-1.7864	40.0
Di-n-octyl phthalate	1.872	1.839	0.010	-1.767	40.0
Benzo(b)fluoranthene	1.319	1.326	0.200	0.5558	25.0
Benzo(k)fluoranthene	1.362	1.378	0.200	1.1644	25.0
Benzo(a)pyrene	1.248	1.235	0.200	-1.0381	20.0
Indeno(1,2,3-cd)pyrene	1.484	1.302	0.200	-12.2794	25.0
Dibenzo(a,h)anthracene	1.210	1.089	0.200	-10.0202	30.0
Benzo(g,h,i)perylene	1.202	1.005	0.200	-16.3702	30.0
2,3,4,6-Tetrachlorophenol	0.352	0.383	0.040	8.631	20.0
1,4-Dioxane-d8	0.593	0.540	0.010	-8.8122	25.0
Pyridine-d5	1.415	1.313	0.010	-7.1638	40.0
Phenol-d5	1.774	1.635	0.010	-7.8589	25.0
Bis-(2-Chloroethyl)ether-d8	1.008	0.852	0.050	-15.4763	25.0
2-Chlorophenol-d4	1.421	1.424	0.200	0.163	20.0
4-Methylphenol-d8	1.399	1.411	0.010	0.8837	20.0
Nitrobenzene-d5	0.167	0.168	0.050	0.6516	20.0
2-Nitrophenol-d4	0.175	0.179	0.050	2.3801	30.0
2,4-Dichlorophenol-d3	0.312	0.329	0.060	5.4867	20.0
4-Chloroaniline-d4	0.463	0.491	0.010	6.0862	40.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:16:56

Lab File ID: BN030374.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020325 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.613	1.653	0.300	2.4784	20.0
Acenaphthylene-d8	1.827	1.814	0.400	-0.7119	20.0
4-Nitrophenol-d4	0.286	0.293	0.010	2.3421	40.0
Fluorene-d10	1.323	1.385	0.100	4.6758	20.0
4,6-Dinitro-2-methylphenol-d2	0.125	0.124	0.010	-0.678	40.0
Anthracene-d10	0.971	1.007	0.300	3.6964	20.0
Pyrene-d10	1.270	1.170	0.300	-7.9001	25.0
Benzo(a)pyrene-d12	1.048	1.036	0.010	-1.1385	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.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:21:10

Lab File ID: BN030379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020326 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.569	0.563	0.010	-1.0631	50.0
Benzaldehyde	0.827	0.957	0.010	15.7431	50.0
Pyridine	1.439	1.335	0.010	-7.2253	50.0
Phenol	1.766	1.660	0.080	-5.9883	50.0
Bis(2-Chloroethyl) ether	1.411	1.266	0.100	-10.3055	50.0
2-Chlorophenol	1.463	1.474	0.200	0.7884	50.0
2-Methylphenol	1.324	1.316	0.010	-0.5827	50.0
2,2-oxybis(1-Chloropropane)	1.283	1.032	0.010	-19.5366	50.0
Acetophenone	2.248	2.338	0.060	3.9842	50.0
4-Methylphenol	1.399	1.450	0.010	3.6646	50.0
N-Nitroso-di-n-propylamine	1.076	1.128	0.050	4.85	50.0
Hexachloroethane	0.679	0.646	0.100	-4.8608	50.0
Nitrobenzene	0.431	0.412	0.050	-4.2843	50.0
Isophorone	0.744	0.751	0.050	0.881	50.0
2-Nitrophenol	0.188	0.197	0.050	4.4514	50.0
2,4-Dimethylphenol	0.389	0.402	0.050	3.4076	50.0
Bis(2-Chloroethoxy) methane	0.437	0.415	0.050	-5.0741	50.0
2,4-Dichlorophenol	0.313	0.327	0.060	4.2075	50.0
Naphthalene	1.142	1.146	0.200	0.3595	50.0
4-Chloroaniline	0.450	0.468	0.010	3.85	50.0
Hexachlorobutadiene	0.219	0.224	0.040	2.3406	50.0
Caprolactam	0.093	0.104	0.010	11.2262	50.0
4-Chloro-3-methylphenol	0.355	0.399	0.040	12.4446	50.0
1-Methylnaphthalene	0.735	0.788	0.100	7.1685	50.0
2-Methylnaphthalene	0.744	0.799	0.100	7.4545	50.0
Hexachlorocyclopentadiene	0.473	0.418	0.010	-11.6487	50.0
2,4,6-Trichlorophenol	0.401	0.405	0.090	0.9914	50.0
2,4,5-Trichlorophenol	0.438	0.447	0.100	2.1678	50.0
1,1-Biphenyl	1.688	1.623	0.200	-3.8369	50.0
2-Chloronaphthalene	1.311	1.264	0.300	-3.5617	50.0
2-Nitroaniline	0.378	0.381	0.050	0.895	50.0
Dimethylphthalate	1.639	1.730	0.300	5.5553	50.0
2,6-Dinitrotoluene	0.316	0.338	0.080	6.7711	50.0
Acenaphthylene	2.125	2.087	0.400	-1.8211	50.0
3-Nitroaniline	0.310	0.323	0.010	4.1501	50.0
Acenaphthene	1.408	1.393	0.200	-1.0466	50.0
2,4-Dinitrophenol	0.178	0.174	0.010	-2.0611	50.0
4-Nitrophenol	0.324	0.350	0.010	7.9277	50.0
Dibenzofuran	1.878	1.900	0.300	1.172	50.0
2,4-Dinitrotoluene	0.452	0.513	0.070	13.6549	50.0
Diethylphthalate	1.752	1.851	0.300	5.6967	50.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG No.: BN031224

Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:21:10

Lab File ID: BN030379.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020326 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.551	1.589	0.200	2.505	50.0
4-Chlorophenyl-phenylether	0.742	0.770	0.100	3.7594	50.0
4-Nitroaniline	0.287	0.320	0.010	11.4509	50.0
4,6-Dinitro-2-methylphenol	0.135	0.131	0.010	-2.682	50.0
N-Nitrosodiphenylamine	0.631	0.627	0.050	-0.6889	50.0
1,2,4,5-Tetrachlorobenzene	0.632	0.598	0.100	-5.3406	50.0
4-Bromophenyl-phenylether	0.214	0.216	0.070	0.5927	50.0
Hexachlorobenzene	0.235	0.249	0.050	5.9299	50.0
Atrazine	0.217	0.238	0.010	9.6141	50.0
Pentachlorophenol	0.159	0.151	0.010	-4.7516	50.0
Phenanthrene	1.166	1.175	0.200	0.7439	50.0
Pentachlorobenzene	0.278	0.266	0.050	-4.611	50.0
Anthracene	1.187	1.189	0.200	0.1982	50.0
1,2,3,4-Tetrachlorobenzene	0.299	0.275	0.050	-7.8669	50.0
Carbazole	1.054	1.042	0.050	-1.1499	50.0
Di-n-butylphthalate	1.464	1.530	0.500	4.5014	50.0
Fluoranthene	1.556	1.530	0.400	-1.7196	50.0
Pyrene	1.600	1.581	0.400	-1.1569	50.0
Butylbenzylphthalate	0.766	0.796	0.100	3.8719	50.0
3,3-Dichlorobenzidine	0.435	0.475	0.010	9.3784	50.0
Benzo(a)anthracene	1.501	1.494	0.300	-0.4583	50.0
Chrysene	1.392	1.387	0.200	-0.3388	50.0
Bis(2-ethylhexyl)phthalate	1.160	1.228	0.200	5.8646	50.0
Di-n-octyl phthalate	1.872	2.062	0.010	10.1524	50.0
Benzo(b)fluoranthene	1.319	1.469	0.200	11.3692	50.0
Benzo(k)fluoranthene	1.362	1.369	0.200	0.5117	50.0
Benzo(a)pyrene	1.248	1.269	0.200	1.6889	50.0
Indeno(1,2,3-cd)pyrene	1.484	1.335	0.200	-10.0686	50.0
Dibenzo(a,h)anthracene	1.210	1.105	0.200	-8.6384	50.0
Benzo(g,h,i)perylene	1.202	1.022	0.200	-14.9787	50.0
2,3,4,6-Tetrachlorophenol	0.352	0.370	0.040	5.0391	50.0
1,4-Dioxane-d8	0.593	0.534	0.010	-9.8697	50.0
Pyridine-d5	1.415	1.314	0.010	-7.095	50.0
Phenol-d5	1.774	1.661	0.010	-6.4088	50.0
Bis-(2-Chloroethyl)ether-d8	1.008	0.872	0.050	-13.4842	50.0
2-Chlorophenol-d4	1.421	1.440	0.200	1.2907	50.0
4-Methylphenol-d8	1.399	1.466	0.010	4.8248	50.0
Nitrobenzene-d5	0.167	0.170	0.050	1.655	50.0
2-Nitrophenol-d4	0.175	0.182	0.050	4.1999	50.0
2,4-Dichlorophenol-d3	0.312	0.334	0.060	7.0407	50.0
4-Chloroaniline-d4	0.463	0.491	0.010	5.9757	50.0



7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG No.: BN031224
Instrument ID: BNA_N Calibration Date/Time: 3/12/2024 1:21:10
Lab File ID: BN030379.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020326 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.613	1.652	0.300	2.4504	50.0
Acenaphthylene-d8	1.827	1.836	0.400	0.5022	50.0
4-Nitrophenol-d4	0.286	0.279	0.010	-2.3428	50.0
Fluorene-d10	1.323	1.341	0.100	1.3365	50.0
4,6-Dinitro-2-methylphenol-d2	0.125	0.125	0.010	0.3923	50.0
Anthracene-d10	0.971	0.982	0.300	1.0977	50.0
Pyrene-d10	1.270	1.257	0.300	-1.0646	50.0
Benzo(a)pyrene-d12	1.048	1.084	0.010	3.4602	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK439	SDG No.:	BN031224
Lab Sample ID:	PB159439BL	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
BN030367.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L

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:	SBLK439	SDG No.:	BN031224
Lab Sample ID:	PB159439BL	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
BN030367.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	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	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L

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:	SBLK439	SDG No.:	BN031224
Lab Sample ID:	PB159439BL	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
BN030367.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.171		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	30.908		20-120		77	SPK: -40
4165-62-2	Phenol-d5	28.028		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.985		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.3		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.234		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	31.449		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.889		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.099		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.804		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.887		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.442		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.15		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	30.325		25-125		76	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.705		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	31.705		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	33.168		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.873		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108037	7.793				
1146-65-2	Naphthalene-d8	421904	10.587				
15067-26-2	Acenaphthene-d10	241784	14.446				
1517-22-2	Phenanthrene-d10	450729	17.21				



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:	SBLK439	SDG No.:	BN031224
Lab Sample ID:	PB159439BL	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
BN030367.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	357307	21.433				
1520-96-3	Perylene-d12	380207	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-02	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
BN030368.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	5.9	J	1.4	5	10	ug/L
110-86-1	Pyridine	4.8	J	0.85	10	10	ug/L
108-95-2	Phenol	4.3	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.2	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	4.4	J	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	4.1	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.1	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.5	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	4.2	J	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.5	J	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	4.5	J	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	4.5	J	1.3	2.5	5	ug/L
78-59-1	Isophorone	4.2	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.5	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.3	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.4	J	1.4	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.6	J	1.1	2.5	5	ug/L
105-60-2	Caprolactam	4	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.9	J	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.5	J	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.4	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.4	J	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.3	J	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	4.6	J	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.8	J	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.9	J	1.2	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-02	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
BN030368.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4.7	J	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.8	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	4.7	J	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	4.4	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.5	J	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	4.4	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.6	J	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.8	J	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.7	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.6	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.4	J	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.5	J	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.8	J	1.9	2.5	5	ug/L
1912-24-9	Atrazine	5	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	4.7	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	4.6	J	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	5.3		1.3	2.5	5	ug/L
120-12-7	Anthracene	4.3	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.6	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	4	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	3.8	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.5	J	1.7	5	5	ug/L
129-00-0	Pyrene	4.6	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.8	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.5	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.8	J	1.5	2.5	5	ug/L
218-01-9	Chrysene	4.9	J	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.9	J	1.5	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-02	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
BN030368.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	3.5	J	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.5	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.6	J	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.6	J	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.8	J	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.971		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.354		20-120		58	SPK: -40
4165-62-2	Phenol-d5	20.097		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.894		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.377		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.946		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.395		20-125		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.942		20-130		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.392		20-120		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.041		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.718		25-130		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.225		10-130		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.85		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	22.242		25-125		56	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.857		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	19.507		25-130		49	SPK: -40
1718-52-1	Pyrene-d10	21.47		15-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.547		20-130		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111883	7.793				
1146-65-2	Naphthalene-d8	453127	10.587				
15067-26-2	Acenaphthene-d10	250843	14.451				
1517-22-2	Phenanthrene-d10	505262	17.21				



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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-02	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
BN030368.D	1	3/5/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159439

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	390969	21.433				
1520-96-3	Perylene-d12	441515	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-04	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
BN030369.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	48	J	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	200	J	48	82.5	330	ug/Kg
110-86-1	Pyridine	170	J	12	170	330	ug/Kg
108-95-2	Phenol	150	J	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	150	J	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	160	J	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	140	J	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	29	82.5	330	ug/Kg
98-86-2	Acetophenone	150	J	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	140	J	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	J	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	150	J	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	150	J	27	42.5	170	ug/Kg
78-59-1	Isophorone	140	J	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	150	J	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	110	J	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	150	J	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	160	J	34	42.5	170	ug/Kg
91-20-3	Naphthalene	160	J	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	J	26	42.5	170	ug/Kg
105-60-2	Caprolactam	130	J	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	160	J	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	J	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	J	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	J	49	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	160	J	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	160	J	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	130	J	22	42.5	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-04	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
BN030369.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	160	J	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	160	J	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	120	J	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	160	J	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	180	J	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	150	J	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	160	J	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	J	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	150	J	41	42.5	170	ug/Kg
86-73-7	Fluorene	160	J	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	130	J	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	J	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	J	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	J	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	160	J	50	42.5	170	ug/Kg
1912-24-9	Atrazine	170	J	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	170	J	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	160	J	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	180		36	42.5	170	ug/Kg
120-12-7	Anthracene	150	J	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	170		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	140	J	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	140	J	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	140	J	45	82.5	170	ug/Kg
129-00-0	Pyrene	150	J	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	J	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	39	42.5	170	ug/Kg
218-01-9	Chrysene	160	J	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	43	42.5	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-04	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
BN030369.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	120	J	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	J	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.62		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	24.408		20-120		61	SPK: -40
4165-62-2	Phenol-d5	20.148		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.532		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.889		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.046		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.84		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.787		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.934		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.654		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.723		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.018		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.898		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	21.651		20-140		54	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.705		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	19.639		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	20.164		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.93		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99413	7.793				
1146-65-2	Naphthalene-d8	387728	10.587				
15067-26-2	Acenaphthene-d10	206395	14.451				
1517-22-2	Phenanthrene-d10	407636	17.21				



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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-04	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
BN030369.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	347684	21.433				
1520-96-3	Perylene-d12	375073	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-06	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
BN030370.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	J	330	190	1900	ug/Kg
100-52-7	Benzaldehyde	5700	J	1300	2300	9400	ug/Kg
110-86-1	Pyridine	4500	J	200	4700	9400	ug/Kg
108-95-2	Phenol	4300	J	1200	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4300	J	830	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4600	J	620	1200	4700	ug/Kg
95-48-7	2-Methylphenol	4200	J	1100	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3900	J	790	2300	9400	ug/Kg
98-86-2	Acetophenone	4700	J	1600	2300	9400	ug/Kg
106-44-5	4-Methylphenol	4400	J	1200	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4600	J	910	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4400	J	390	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4300	J	870	1200	4700	ug/Kg
78-59-1	Isophorone	4400	J	1100	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4400	J	1000	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	3100	J	260	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4200	J	870	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	J	890	1200	4700	ug/Kg
91-20-3	Naphthalene	4600	J	1000	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4500	J	1200	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4600	J	690	1200	4700	ug/Kg
105-60-2	Caprolactam	4800	J	1400	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4400	J	1100	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	4900		490	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4700		1100	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	J	630	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4300	J	1500	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4500	J	1300	1200	4700	ug/Kg
92-52-4	1,1-Biphenyl	4500	J	1300	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4500	J	1300	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	4000	J	420	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-06	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
BN030370.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	4800		1100	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	4400	J	580	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4700		1400	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	3900	J	230	2300	9400	ug/Kg
83-32-9	Acenaphthene	4600	J	1400	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	5700	J	750	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	5000	J	180	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4700		1300	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4600	J	310	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4800		1200	1200	4700	ug/Kg
86-73-7	Fluorene	4700		1700	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4800		1500	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4100	J	530	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4900	J	1100	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4500	J	1400	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4400	J	1300	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4600	J	2600	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4400	J	1400	1200	4700	ug/Kg
1912-24-9	Atrazine	5400	J	260	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	4900	J	1100	2300	9400	ug/Kg
85-01-8	Phenanthrene	4600	J	1600	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4800		1000	1200	4700	ug/Kg
120-12-7	Anthracene	4200	J	1500	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4200	J	270	1200	4700	ug/Kg
86-74-8	Carbazole	4000	J	1800	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	1700	1200	4700	ug/Kg
206-44-0	Fluoranthene	4600	J	1200	2300	4700	ug/Kg
129-00-0	Pyrene	4800		1100	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	1100	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4400	J	720	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4600	J	1000	1200	4700	ug/Kg
218-01-9	Chrysene	4700		1100	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	J	1100	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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-06	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
BN030370.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	4300	J	1300	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4800		1600	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	J	1700	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4600	J	1600	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4200	J	1500	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4300	J	1600	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200	J	1600	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	J	1500	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.957		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	22.513		20-120		56	SPK: -40
4165-62-2	Phenol-d5	20.288		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.663		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.512		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.976		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.636		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.829		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.623		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.778		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.496		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.097		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.43		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	22.887		20-140		57	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.578		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	20.117		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	23.199		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.071		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107930	7.793				
1146-65-2	Naphthalene-d8	453306	10.587				
15067-26-2	Acenaphthene-d10	279604	14.451				
1517-22-2	Phenanthrene-d10	604623	17.21				



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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-QT1-2024-02	SDG No.:	BN031224
Lab Sample ID:	P1601-06	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
BN030370.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	481336	21.433				
1520-96-3	Perylene-d12	450747	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BN031224
Lab Sample ID:	PB159472BL	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
BN030371.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BN031224
Lab Sample ID:	PB159472BL	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
BN030371.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BN031224
Lab Sample ID:	PB159472BL	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
BN030371.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.806		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	29.942		20-120		75	SPK: -40
4165-62-2	Phenol-d5	28.117		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.724		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.507		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.959		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	30.524		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.003		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.964		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.179		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.06		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.251		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.045		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	30.922		20-140		77	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.026		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	32.012		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	35.345		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.113		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96255	7.793				
1146-65-2	Naphthalene-d8	404747	10.587				
15067-26-2	Acenaphthene-d10	252430	14.451				
1517-22-2	Phenanthrene-d10	486909	17.21				



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Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK472	SDG No.:	BN031224
Lab Sample ID:	PB159472BL	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
BN030371.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159472

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	358815	21.433				
1520-96-3	Perylene-d12	364164	23.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BN031224
Lab Sample ID:	PB159474BL	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
BN030372.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	190	1900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9700	ug/Kg
110-86-1	Pyridine	200	U	200	4800	9700	ug/Kg
108-95-2	Phenol	1300	U	1300	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850	U	850	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	640	U	640	1200	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820	U	820	2400	9700	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2400	9700	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930	U	930	1200	4900	ug/Kg
67-72-1	Hexachloroethane	400	U	400	1200	4900	ug/Kg
98-95-3	Nitrobenzene	890	U	890	1200	4900	ug/Kg
78-59-1	Isophorone	1200	U	1200	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	270	U	270	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	890	U	890	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	910	U	910	1200	4900	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	710	U	710	1200	4900	ug/Kg
105-60-2	Caprolactam	1500	U	1500	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650	U	650	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1200	4900	ug/Kg
92-52-4	1,1-Biphenyl	1400	U	1400	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	430	U	430	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BN031224
Lab Sample ID:	PB159474BL	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
BN030372.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1200	U	1200	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	590	U	590	1200	4900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	2400	9700	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	2400	9700	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1200	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	540	U	540	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1200	4900	ug/Kg
1912-24-9	Atrazine	270	U	270	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	2400	9700	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	1200	4900	ug/Kg
120-12-7	Anthracene	1600	U	1600	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	280	U	280	1200	4900	ug/Kg
86-74-8	Carbazole	1800	U	1800	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1200	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg
129-00-0	Pyrene	1200	U	1200	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740	U	740	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	1100	U	1100	1200	4900	ug/Kg
218-01-9	Chrysene	1200	U	1200	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BN031224
Lab Sample ID:	PB159474BL	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
BN030372.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1400	U	1400	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	U	1700	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1700	U	1700	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	1600	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	1600	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.056		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	32.408		20-120		81	SPK: -40
4165-62-2	Phenol-d5	28.761		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.394		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.277		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	31.144		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	31.787		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.051		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.258		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.121		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.055		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.829		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.9		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	33.268		20-140		83	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.635		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	32.706		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	33.922		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.812		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86200	7.793				
1146-65-2	Naphthalene-d8	358911	10.587				
15067-26-2	Acenaphthene-d10	227593	14.451				
1517-22-2	Phenanthrene-d10	474844	17.21				



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Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	SBLK474	SDG No.:	BN031224
Lab Sample ID:	PB159474BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030372.D	1	3/6/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	402572	21.433				
1520-96-3	Perylene-d12	391531	23.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/1/2024 12:00:00 AM
Project:		Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN031224
Lab Sample ID:	P1717-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BN030373.D	1	3/11/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159542

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	36	U	36	500	990	ug/Kg
108-95-2	Phenol	140	U	140	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	250	990	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	250	990	ug/Kg
98-86-2	Acetophenone	180	U	180	250	990	ug/Kg
106-44-5	4-Methylphenol	120	U	120	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	510	ug/Kg
67-72-1	Hexachloroethane	48	U	48	130	510	ug/Kg
98-95-3	Nitrobenzene	81	U	81	130	510	ug/Kg
78-59-1	Isophorone	110	U	110	130	510	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	510	ug/Kg
91-20-3	Naphthalene	99	U	99	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	130	510	ug/Kg
105-60-2	Caprolactam	120	U	120	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	57	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	510	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	3/1/2024 12:00:00 AM
Project:		Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN031224
Lab Sample ID:	P1717-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BN030373.D	1	3/11/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159542

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	110	U	110	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	130	510	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	510	ug/Kg
99-09-2	3-Nitroaniline	42	U	42	250	990	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	250	990	ug/Kg
100-02-7	4-Nitrophenol	33	U	33	250	990	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	130	510	ug/Kg
84-66-2	Diethylphthalate	120	U	120	130	510	ug/Kg
86-73-7	Fluorene	170	U	170	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	33	U	33	250	990	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	250	990	ug/Kg
85-01-8	Phenanthrene	160	U	160	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	140	U	140	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	510	ug/Kg
86-74-8	Carbazole	180	U	180	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	130	510	ug/Kg
206-44-0	Fluoranthene	140	U	140	250	510	ug/Kg
129-00-0	Pyrene	140	U	140	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	3/1/2024 12:00:00 AM
Project:		Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN031224
Lab Sample ID:	P1717-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BN030373.D	1	3/11/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159542

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	130	U	130	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97385	7.793				
1146-65-2	Naphthalene-d8	389461	10.587				
15067-26-2	Acenaphthene-d10	245062	14.451				
1517-22-2	Phenanthrene-d10	508469	17.21				



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Report of Analysis

Client:		Date Collected:	3/1/2024 12:00:00 AM
Project:		Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN031224
Lab Sample ID:	P1717-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BN030373.D	1	3/11/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159542

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	427854	21.433				
1520-96-3	Perylene-d12	393431	23.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BN031224
Lab Sample ID:	PB159553BL	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
BN030375.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BN031224
Lab Sample ID:	PB159553BL	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
BN030375.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	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	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BN031224
Lab Sample ID:	PB159553BL	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
BN030375.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.51		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	24.529		20-120		61	SPK: -40
4165-62-2	Phenol-d5	22.799		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.557		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.849		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.644		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.318		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.31		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.933		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.275		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.753		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.492		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.706		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.703		25-125		67	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.314		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.625		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	28.657		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.145		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90696	7.793				
1146-65-2	Naphthalene-d8	384147	10.587				
15067-26-2	Acenaphthene-d10	244375	14.445				
1517-22-2	Phenanthrene-d10	517676	17.21				



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

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SBLK553	SDG No.:	BN031224
Lab Sample ID:	PB159553BL	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
BN030375.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	436017	21.433				
1520-96-3	Perylene-d12	404773	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B74	SDG No.:	BN031224
Lab Sample ID:	P1728-01	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
BN030376.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	13		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	4	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B74	SDG No.:	BN031224
Lab Sample ID:	P1728-01	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
BN030376.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	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	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	5.5		0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	19		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B74	SDG No.:	BN031224
Lab Sample ID:	P1728-01	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
BN030376.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.948		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	7.97		20-120		20	SPK: -40
4165-62-2	Phenol-d5	4.134		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.028		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.559		20-130		44	SPK: -40
190780-66-6	4-Methylphenol-d8	10.667		25-125		27	SPK: -40
4165-60-0	Nitrobenzene-d5	25.491		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.398		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.627		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.513		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.017		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.207		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.718		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	28.037		25-125		70	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.271		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.746		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	27.256		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.865		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84625	7.799				
1146-65-2	Naphthalene-d8	321435	10.593				
15067-26-2	Acenaphthene-d10	195363	14.451				
1517-22-2	Phenanthrene-d10	402218	17.21				

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B74	SDG No.:	BN031224
Lab Sample ID:	P1728-01	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
BN030376.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	389853	21.433				
1520-96-3	Perylene-d12	453307	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-41-5	Hexylene glycol	2.2	J			6.158	
025186-47-4	Benzene, 1,3-dichloro-5-methyl-	2.4	J			9.563	
000583-78-8	Phenol, 2,5-dichloro-	6.3	J			10.281	
017849-38-6	Benzenemethanol, 2-chloro-	2.7	J			10.91	
	unknown-01	3.3	J			11.287	
000492-37-5	Benzeneacetic acid, .alpha.-methyl	8.6	J			11.852	
055030-70-1	2-Butenoic acid, 2-propenylidene e	12	J			12.263	
	unknown-02	7.2	J			13.399	
028556-81-2	2,6-Dimethylphenyl isocyanate	2.2	J			15.193	
052161-57-6	Benzene, 1-methyl-3-(1-methyl-2-pr	3.6	J			16.528	
019029-45-9	2-Phenyl-5,6-dihydro-4H-1,3-oxazin	2.7	J			16.64	
	unknown-03	9.9	J			16.728	
1000186-49-3	4-Methyl-2-phenyl-pent-3-en-1-ol	6.3	J			16.892	
000057-10-3	n-Hexadecanoic acid	5.8	J			18.128	
000057-11-4	Octadecanoic acid	2.5	J			19.422	
1000470-16-9	N-Butyl-2,2,6,6-tetramethyl-4-pipe	3.5	J			20.575	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	4.7	J			20.657	
	(DEL) Alkane: Straight-Chain21.163	2.4	J			21.163	
E966796	Total Alkanes	2.4				99	ug/L

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B75	SDG No.:	BN031224
Lab Sample ID:	P1728-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BN030377.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	12		1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.7	J	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B75	SDG No.:	BN031224
Lab Sample ID:	P1728-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BN030377.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.87	U	0.87	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.98	U	0.98	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4		0.76	2.5	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	7.6		1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B75	SDG No.:	BN031224
Lab Sample ID:	P1728-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BN030377.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.813		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	8.053		20-120		20	SPK: -40
4165-62-2	Phenol-d5	4.303		10-130		11	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.571		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.917		20-130		47	SPK: -40
190780-66-6	4-Methylphenol-d8	11.887		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	26.414		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.485		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.994		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.424		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.225		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.489		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.911		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	28.123		25-125		70	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.989		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	31.238		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	34.396		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.917		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115287	7.799				
1146-65-2	Naphthalene-d8	467018	10.593				
15067-26-2	Acenaphthene-d10	286005	14.451				
1517-22-2	Phenanthrene-d10	534250	17.21				

Report of Analysis

Client:		Date Collected:	3/6/2024 12:00:00 AM
Project:		Date Received:	3/6/2024 12:00:00 AM
Client Sample ID:	C0B75	SDG No.:	BN031224
Lab Sample ID:	P1728-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BN030377.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	389993	21.433				
1520-96-3	Perylene-d12	415953	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-41-5	Hexylene glycol	2.7	J			6.163	
000149-57-5	Hexanoic acid, 2-ethyl-	2.2	J			9.193	
000583-78-8	Phenol, 2,5-dichloro-	5.4	J			10.275	
017849-38-6	Benzenemethanol, 2-chloro-	2.7	J			10.91	
	unknown-01	3.3	J			11.287	
000492-37-5	Benzeneacetic acid, .alpha.-methyl	8.7	J			11.857	
	unknown-02	6.2	J			12.257	
	unknown-03	6.2	J			13.404	
004053-40-1	Quinoline, 4-methyl-, 1-oxide	2.7	J			16.528	
	unknown-04	2.1	J			16.639	
	unknown-05	7.5	J			16.727	
002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trime	6.3	J			16.892	
000057-10-3	n-Hexadecanoic acid	8.5	J			18.133	
000057-11-4	Octadecanoic acid	6.1	J			19.422	
1000337-88-4	Benzoic acid, 4-amino-, 2,2,6,6-te	4.7	J			20.574	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	2.8	J			20.657	
959010-23-2	Trifluoroacetic acid, pentadecyl e	3.3	J			21.163	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BN031224
Lab Sample ID:	PB159553BS	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
BN030378.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.8		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	29		1.4	5	10	ug/L
110-86-1	Pyridine	26		0.85	10	10	ug/L
108-95-2	Phenol	28		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	29		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.4	5	10	ug/L
98-86-2	Acetophenone	29		2.1	5	10	ug/L
106-44-5	4-Methylphenol	29		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	27		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.3	2.5	5	ug/L
78-59-1	Isophorone	30		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.4	2.5	5	ug/L
91-20-3	Naphthalene	28		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	21		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.1	2.5	5	ug/L
105-60-2	Caprolactam	34		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	27		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BN031224
Lab Sample ID:	PB159553BS	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
BN030378.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	29		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.86	5	10	ug/L
83-32-9	Acenaphthene	28		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.5	5	10	ug/L
132-64-9	Dibenzofuran	28		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.5	2.5	5	ug/L
86-73-7	Fluorene	28		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	36		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	29		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		1.9	2.5	5	ug/L
1912-24-9	Atrazine	17		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	27		1.7	5	10	ug/L
85-01-8	Phenanthrene	29		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.3	2.5	5	ug/L
120-12-7	Anthracene	29		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.75	2.5	5	ug/L
86-74-8	Carbazole	30		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	30		1.7	5	5	ug/L
129-00-0	Pyrene	29		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		1.5	2.5	5	ug/L
218-01-9	Chrysene	29		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BN031224
Lab Sample ID:	PB159553BS	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
BN030378.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	32		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	25		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	24		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.989		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	28.779		20-120		72	SPK: -40
4165-62-2	Phenol-d5	28.8		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.11		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.143		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	31.053		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	30.255		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.324		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.391		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.468		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.784		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.072		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.894		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	30.54		25-125		76	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.842		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	30.837		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.521		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.714		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106659	7.793				
1146-65-2	Naphthalene-d8	442960	10.587				
15067-26-2	Acenaphthene-d10	286575	14.451				
1517-22-2	Phenanthrene-d10	592167	17.21				



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

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	SLCS553	SDG No.:	BN031224
Lab Sample ID:	PB159553BS	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
BN030378.D	1	3/12/2024 12:00:00 AM	3/12/2024 12:00:00 AM	PB159553

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	499908	21.439				
1520-96-3	Perylene-d12	504961	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Hit Summary Sheet

SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT1-2024-02						
P1601-02	MDL-WATER-QT1-2024 Water	Total Alkanes	*	0.000	1.9	5	ug/L
		Total Tics :			0.00		
P1601-02	MDL-WATER-QT1-2024 Water	1,1-Biphenyl	4.600	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1,2,3,4-Tetrachlorobenzene	4.600	J	0.75	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1,2,4,5-Tetrachlorobenzene	4.700	J	1.8	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1,4-Dioxane	1.100	J	0.31	2	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	1-Methylnaphthalene	4.900	J	0.97	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,2-oxybis(1-Chloropropane)	4.100	J	1.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,3,4,6-Tetrachlorophenol	4.100	J	1.8	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4,5-Trichlorophenol	4.300	J	1.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4,6-Trichlorophenol	4.400	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dichlorophenol	4.400	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dimethylphenol	3.000	J	0.72	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dinitrophenol	5.000	J	1.9	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,4-Dinitrotoluene	4.000	J	0.97	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2,6-Dinitrotoluene	4.000	J	1.3	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Chloronaphthalene	4.800	J	1.8	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Chlorophenol	4.400	J	1.1	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Methylnaphthalene	4.500	J	1.5	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Methylphenol	4.100	J	1.5	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Nitroaniline	3.900	J	1.2	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	2-Nitrophenol	4.500	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	3,3-Dichlorobenzidine	4.500	J	1.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	3-Nitroaniline	3.800	J	0.86	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4,6-Dinitro-2-methylphenol	4.600	J	1.7	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Bromophenyl-phenylether	4.500	J	2.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Chloro-3-methylphenol	4.000	J	1.4	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Chloroaniline	4.200	J	1.7	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Chlorophenyl-phenylether	4.800	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Methylphenol	4.200	J	1.6	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Nitroaniline	3.700	J	0.6	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	4-Nitrophenol	4.400	J	1.5	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Acenaphthene	4.700	J	1.9	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Acenaphthylene	4.700	J	1.8	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Acetophenone	4.500	J	2.1	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Anthracene	4.300	J	1.7	5	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Atrazine	5.000	J	1.2	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Benzaldehyde	5.900	J	1.4	10	ug/L
P1601-02	MDL-WATER-QT1-2024 Water	Benzo(a)anthracene	4.800	J	1.5	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P1601-02	MDL-WATER-QT1-2024	Water	Benzo(a)pyrene	4.600	J	2	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Benzo(b)fluoranthene	4.500	J	1.6	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Benzo(g,h,i)perylene	4.800	J	1.9	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Benzo(k)fluoranthene	4.600	J	2.2	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Bis(2-Chloroethoxy)methane	4.300	J	1.4	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Bis(2-Chloroethyl)ether	4.200	J	1.5	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Bis(2-ethylhexyl)phthalate	3.900	J	1.5	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Butylbenzylphthalate	3.800	J	1.5	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Caprolactam	4.000	J	1.3	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Carbazole	4.000	J	2	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Chrysene	4.900	J	1.7	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Di-n-butylphthalate	3.800	J	1.7	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Di-n-octyl phthalate	3.500	J	1.3	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Dibenzo(a,h)anthracene	4.600	J	2	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Dibenzofuran	4.500	J	1.7	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Diethylphthalate	4.400	J	1.5	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Dimethylphthalate	4.700	J	1.6	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Fluoranthene	4.500	J	1.7	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Fluorene	4.600	J	2	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Hexachlorobenzene	4.800	J	1.9	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Hexachlorobutadiene	4.600	J	1.1	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Hexachlorocyclopentadiene	4.400	J	1.4	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Hexachloroethane	4.500	J	0.89	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Indeno(1,2,3-cd)pyrene	4.700	J	1.9	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Isophorone	4.200	J	1.4	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	N-Nitroso-di-n-propylamine	4.500	J	1.4	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	N-Nitrosodiphenylamine	4.400	J	1.7	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Naphthalene	4.700	J	1.5	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Nitrobenzene	4.500	J	1.3	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Pentachlorobenzene	5.300		1.3	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Pentachlorophenol	4.700	J	1.7	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Phenanthrene	4.600	J	1.8	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Phenol	4.300	J	1.7	10 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Pyrene	4.600	J	1.7	5 ug/L
P1601-02	MDL-WATER-QT1-2024	Water	Pyridine	4.800	J	0.85	10 ug/L

Total Svoc : 315.80
Total Concentration: 315.80

Client ID : MDL-SOIL-QT1-2024-02

P1601-04	MDL-SOIL-QT1-2024-02	Solid	Total Alkanes	*	0.000	46	170 ug/Kg
			Total Tics :	0.00			
P1601-04	MDL-SOIL-QT1-2024-02	Solid	1,1-Biphenyl	160.000	J	46	170 ug/Kg
P1601-04	MDL-SOIL-QT1-2024-02	Solid	1,2,3,4-Tetrachlorobenzene	170.000		5.6	170 ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-04	MDL-SOIL-QT1-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	170.000		45	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	1,4-Dioxane	48.000	J	12	67	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	1-Methylnaphthalene	160.000	J	19	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	29	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,3,4,6-Tetrachlorophenol	150.000	J	52	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4,5-Trichlorophenol	160.000	J	49	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4,6-Trichlorophenol	150.000	J	50	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dichlorophenol	160.000	J	34	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dimethylphenol	110.000	J	8.5	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrophenol	180.000	J	32	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,4-Dinitrotoluene	140.000	J	13	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2,6-Dinitrotoluene	140.000	J	26	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Chloronaphthalene	160.000	J	44	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Chlorophenol	160.000	J	22	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Methylnaphthalene	160.000	J	37	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Methylphenol	140.000	J	39	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Nitroaniline	130.000	J	22	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	2-Nitrophenol	150.000	J	30	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	3,3-Dichlorobenzidine	160.000	J	25	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	3-Nitroaniline	120.000	J	14	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4,6-Dinitro-2-methylphenol	160.000	J	39	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Bromophenyl-phenylether	160.000	J	99	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Chloro-3-methylphenol	130.000	J	36	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Chloroaniline	150.000	J	44	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Chlorophenyl-phenylether	160.000	J	48	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Methylphenol	140.000	J	41	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Nitroaniline	130.000	J	16	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	4-Nitrophenol	150.000	J	11	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Acenaphthene	160.000	J	50	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Acenaphthylene	160.000	J	46	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Acetophenone	150.000	J	59	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Anthracene	150.000	J	47	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Atrazine	170.000	J	11	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzaldehyde	200.000	J	48	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)anthracene	150.000	J	39	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(a)pyrene	160.000	J	57	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(b)fluoranthene	160.000	J	48	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(g,h,i)perylene	160.000	J	46	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Benzo(k)fluoranthene	160.000	J	58	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethoxy)methane	150.000	J	31	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Bis(2-Chloroethyl)ether	150.000	J	35	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	43	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Butylbenzylphthalate	130.000	J	43	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Caprolactam	130.000	J	40	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Carbazole	140.000	J	61	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Chrysene	160.000	J	46	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Di-n-butylphthalate	140.000	J	57	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Di-n-octyl phthalate	120.000	J	43	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Dibenzo(a,h)anthracene	160.000	J	52	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Dibenzofuran	160.000	J	40	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Diethylphthalate	150.000	J	41	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Dimethylphthalate	160.000	J	38	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Fluoranthene	140.000	J	45	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Fluorene	160.000	J	58	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachlorobenzene	160.000	J	50	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachlorobutadiene	160.000	J	26	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachlorocyclopentadiene	160.000	J	19	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Hexachloroethane	150.000	J	16	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	45	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Isophorone	140.000	J	36	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	N-Nitroso-di-n-propylamine	140.000	J	37	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	N-Nitrosodiphenylamine	160.000	J	45	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Naphthalene	160.000	J	33	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Nitrobenzene	150.000	J	27	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pentachlorobenzene	180.000		36	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pentachlorophenol	170.000	J	38	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Phenanthrene	160.000	J	53	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Phenol	150.000	J	45	330	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pyrene	150.000	J	46	170	ug/Kg
P1601-04	MDL-SOIL-QT1-2024-0	Solid	Pyridine	170.000	J	12	330	ug/Kg
Total Svoc :				10,878.00				
Total Concentration:				10,878.00				
Client ID :	MDL-MED-SOIL-QT1-2024-02							
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Total Alkanes	*	0.000	1300	4700	ug/Kg
Total Tics :				0.00				
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,1-Biphenyl		4,500.000	J 1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,2,3,4-Tetrachlorobenzene		4,200.000	J 270	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,2,4,5-Tetrachlorobenzene		4,400.000	J 1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1,4-Dioxane		1,200.000	J 330	1900	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	1-Methylnaphthalene		4,900.000	490	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,2-oxybis(1-Chloropropane)		3,900.000	J 790	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,3,4,6-Tetrachlorophenol		4,500.000	J 1500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4,5-Trichlorophenol		4,500.000	J 1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4,6-Trichlorophenol		4,300.000	J 1500	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dichlorophenol	4,600.000	J	890	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dimethylphenol	3,100.000	J	260	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrophenol	5,700.000	J	750	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,4-Dinitrotoluene	4,600.000	J	310	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2,6-Dinitrotoluene	4,400.000	J	580	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Chloronaphthalene	4,500.000	J	1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Chlorophenol	4,600.000	J	620	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Methylnaphthalene	4,700.000		1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Methylphenol	4,200.000	J	1100	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Nitroaniline	4,000.000	J	420	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	2-Nitrophenol	4,400.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	3,3-Dichlorobenzidine	4,400.000	J	720	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	3-Nitroaniline	3,900.000	J	230	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4,6-Dinitro-2-methylphenol	4,900.000	J	1100	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Bromophenyl-phenylether	4,600.000	J	2600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Chloro-3-methylphenol	4,400.000	J	1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Chloroaniline	4,500.000	J	1200	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Chlorophenyl-phenylether	4,800.000		1500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Methylphenol	4,400.000	J	1200	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Nitroaniline	4,100.000	J	530	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	4-Nitrophenol	5,000.000	J	180	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Acenaphthene	4,600.000	J	1400	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Acenaphthylene	4,700.000		1400	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Acetophenone	4,700.000	J	1600	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Anthracene	4,200.000	J	1500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Atrazine	5,400.000	J	260	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzaldehyde	5,700.000	J	1300	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)anthracene	4,600.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(a)pyrene	4,600.000	J	1600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(b)fluoranthene	4,800.000		1600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(g,h,i)perylene	4,200.000	J	1600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Benzo(k)fluoranthene	4,500.000	J	1700	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethoxy)methane	4,200.000	J	870	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Bis(2-Chloroethyl)ether	4,300.000	J	830	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	J	1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Butylbenzylphthalate	4,100.000	J	1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Caprolactam	4,800.000	J	1400	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Carbazole	4,000.000	J	1800	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Chrysene	4,700.000		1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Di-n-butylphthalate	4,300.000	J	1700	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Di-n-octyl phthalate	4,300.000	J	1300	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Dibenzo(a,h)anthracene	4,300.000	J	1600	4700	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Dibenzofuran	4,700.000		1300	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Diethylphthalate	4,800.000		1200	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Dimethylphthalate	4,800.000		1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Fluoranthene	4,600.000	J	1200	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Fluorene	4,700.000		1700	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobenzene	4,400.000	J	1400	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachlorobutadiene	4,600.000	J	690	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachlorocyclopentadiene	3,900.000	J	630	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Hexachloroethane	4,400.000	J	390	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Indeno(1,2,3-cd)pyrene	4,200.000	J	1500	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Isophorone	4,400.000	J	1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	N-Nitroso-di-n-propylamine	4,600.000	J	910	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	N-Nitrosodiphenylamine	4,500.000	J	1400	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Naphthalene	4,600.000	J	1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Nitrobenzene	4,300.000	J	870	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pentachlorobenzene	4,800.000		1000	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pentachlorophenol	4,900.000	J	1100	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Phenanthrene	4,600.000	J	1600	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Phenol	4,300.000	J	1200	9400	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pyrene	4,800.000		1100	4700	ug/Kg
P1601-06	MDL-MED-SOIL-QT1-2	Solid	Pyridine	4,500.000	J	200	9400	ug/Kg

Total Svoc : 320,800.00
Total Concentration: 320,800.00

Client ID : SVOC-GPC2-BLANK

P1717-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
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Total Tics : 0.00
Total Concentration: 0.00

Client ID : C0B74

P1728-01	C0B74	Water	(DEL) Alkane: Straight-Chain21.1	*	2.400	J		
P1728-01	C0B74	Water	2,6-Dimethylphenyl isocyanate	*	2.200	J		
P1728-01	C0B74	Water	2-Butenoic acid, 2-propenylidene	*	12.000	J		
P1728-01	C0B74	Water	2-Phenyl-5,6-dihydro-4H-1,3-oxa	*	2.700	J		
P1728-01	C0B74	Water	4-Methyl-2-phenyl-pent-3-en-1-ol	*	6.300	J		
P1728-01	C0B74	Water	Benzene, 1,3-dichloro-5-methyl-	*	2.400	J		
P1728-01	C0B74	Water	Benzene, 1-methyl-3-(1-methyl-2-	*	3.600	J		
P1728-01	C0B74	Water	Benzeneacetic acid, .alpha.-methy	*	8.600	J		
P1728-01	C0B74	Water	Benzenemethanol, 2-chloro-	*	2.700	J		
P1728-01	C0B74	Water	Hexanedioic acid, bis(2-ethylhexy	*	4.700	J		
P1728-01	C0B74	Water	Hexylene glycol	*	2.200	J		
P1728-01	C0B74	Water	N-Butyl-2,2,6,6-tetramethyl-4-pip	*	3.500	J		
P1728-01	C0B74	Water	n-Hexadecanoic acid	*	5.800	J		

Hit Summary Sheet SW-846

SDG No.: BN031224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1728-01	C0B74	Water	Octadecanoic acid	*	2.500	J		
P1728-01	C0B74	Water	Phenol, 2,5-dichloro-	*	6.300	J		
P1728-01	C0B74	Water	unknown-01	*	3.300	J		
P1728-01	C0B74	Water	unknown-02	*	7.200	J		
P1728-01	C0B74	Water	unknown-03	*	9.900	J		
P1728-01	C0B74	Water	Total Alkanes	*	2.400	1.9	5	ug/L
Total Tics :					90.70			
P1728-01	C0B74	Water	1,2,3,4-Tetrachlorobenzene		5.500	0.75	5	ug/L
P1728-01	C0B74	Water	2-Chlorophenol		13.000	1.1	5	ug/L
P1728-01	C0B74	Water	Acetophenone		4.000	J 2.1	10	ug/L
P1728-01	C0B74	Water	Bis(2-ethylhexyl)phthalate		19.000	1.5	5	ug/L
Total Svoc :					41.50			
Total Concentration:					132.20			
Client ID : C0B75								
P1728-02	C0B75	Water	1H-Indene, 2,3-dihydro-1,1,3-trim	*	6.300	J		
P1728-02	C0B75	Water	Benzeneacetic acid, .alpha.-methy	*	8.700	J		
P1728-02	C0B75	Water	Benzenemethanol, 2-chloro-	*	2.700	J		
P1728-02	C0B75	Water	Benzoic acid, 4-amino-, 2,2,6,6-te	*	4.700	J		
P1728-02	C0B75	Water	Hexanedioic acid, bis(2-ethylhexy	*	2.800	J		
P1728-02	C0B75	Water	Hexanoic acid, 2-ethyl-	*	2.200	J		
P1728-02	C0B75	Water	Hexylene glycol	*	2.700	J		
P1728-02	C0B75	Water	n-Hexadecanoic acid	*	8.500	J		
P1728-02	C0B75	Water	Octadecanoic acid	*	6.100	J		
P1728-02	C0B75	Water	Phenol, 2,5-dichloro-	*	5.400	J		
P1728-02	C0B75	Water	Quinoline, 4-methyl-, 1-oxide	*	2.700	J		
P1728-02	C0B75	Water	Trifluoroacetic acid, pentadecyl e	*	3.300	J		
P1728-02	C0B75	Water	unknown-01	*	3.300	J		
P1728-02	C0B75	Water	unknown-02	*	6.200	J		
P1728-02	C0B75	Water	unknown-03	*	6.200	J		
P1728-02	C0B75	Water	unknown-04	*	2.100	J		
P1728-02	C0B75	Water	unknown-05	*	7.500	J		
P1728-02	C0B75	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
Total Tics :					81.40			
P1728-02	C0B75	Water	1,2,3,4-Tetrachlorobenzene		6.400	0.76	5.1	ug/L
P1728-02	C0B75	Water	2-Chlorophenol		12.000	1.1	5.1	ug/L
P1728-02	C0B75	Water	Acetophenone		2.700	J 2.1	10	ug/L
P1728-02	C0B75	Water	Bis(2-ethylhexyl)phthalate		7.600	1.5	5.1	ug/L
Total Svoc :					28.70			
Total Concentration:					110.10			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN030824

SAS No.: BN030824

SDG No.: BN030824

Instrument ID:

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

Calibration Time(s): 10:28

LAB FILE ID:		RRFAL1 = BN030349.D		RRFAL2 = BN030350.D		RRFAL3 = BN030351.D		
		RRFAL4 = BN030352.D		RRFAL5 = BN030353.D		RRFAL6 = BN030354.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.579	0.551	0.550	0.569	0.595		0.569	3.4
Benzaldehyde		0.884	1.044	0.964	0.686	0.557	0.827	24.3
Pyridine		1.289	1.346	1.459	1.511	1.592	1.439	8.5
Hexachloroethane	0.592	0.641	0.682	0.750	0.732		0.679	9.6
Nitrobenzene	0.382	0.404	0.439	0.465	0.463		0.431	8.5
Isophorone	0.654	0.668	0.787	0.828	0.785		0.744	10.5
2-Nitrophenol	0.155	0.169	0.195	0.211	0.213		0.188	13.6
2,4-Dimethylphenol	0.340	0.358	0.397	0.431	0.419		0.389	10.0
Bis(2-Chloroethoxy)methane	0.394	0.400	0.444	0.476	0.469		0.437	8.7
2,4-Dichlorophenol	0.273	0.291	0.328	0.339	0.336		0.313	9.5
Naphthalene	1.050	1.090	1.152	1.208	1.207		1.142	6.2
4-Chloroaniline		0.394	0.471	0.486	0.455	0.446	0.450	7.7
Hexachlorobutadiene	0.202	0.210	0.213	0.230	0.237		0.219	6.8
Phenol		1.568	1.786	1.915	1.745	1.815	1.766	7.2
Caprolactam		0.071	0.102	0.103	0.094	0.096	0.093	14.0
4-Chloro-3-methylphenol	0.294	0.307	0.391	0.408	0.374		0.355	14.5
1-Methylnaphthalene	0.654	0.688	0.774	0.803	0.757		0.735	8.5
2-Methylnaphthalene	0.655	0.694	0.784	0.814	0.771		0.744	9.0
Hexachlorocyclopentadiene		0.408	0.381	0.483	0.544	0.550	0.473	16.3
2,4,6-Trichlorophenol	0.335	0.358	0.390	0.462	0.458		0.401	14.4
2,4,5-Trichlorophenol	0.385	0.405	0.420	0.494	0.486		0.438	11.2
1,1-Biphenyl	1.577	1.643	1.594	1.807	1.819		1.688	6.9
2-Chloronaphthalene	1.217	1.278	1.234	1.408	1.418		1.311	7.3
2-Nitroaniline	0.284	0.318	0.390	0.453	0.445		0.378	19.9
Bis(2-Chloroethyl)ether		1.249	1.390	1.528	1.433	1.456	1.411	7.3
Dimethylphthalate	1.518	1.512	1.656	1.792	1.716		1.639	7.5
2,6-Dinitrotoluene	0.250	0.279	0.321	0.369	0.362		0.316	16.3
Acenaphthylene	1.921	2.045	2.076	2.352	2.234		2.125	7.9
3-Nitroaniline		0.234	0.319	0.343	0.326	0.329	0.310	14.0
Acenaphthene	1.316	1.372	1.345	1.529	1.478		1.408	6.5
2,4-Dinitrophenol		0.112	0.154	0.192	0.204	0.227	0.178	25.4
4-Nitrophenol		0.247	0.321	0.347	0.350	0.355	0.324	13.9
Dibenzofuran	1.797	1.840	1.845	2.000	1.909		1.878	4.2
2,4-Dinitrotoluene	0.371	0.388	0.479	0.525	0.495		0.452	15.1
Diethylphthalate	1.603	1.609	1.823	1.914	1.810		1.752	7.9
2-Chlorophenol	1.301	1.345	1.528	1.611	1.529		1.463	9.1

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.: BN030824

SAS No.: BN030824

SDG No.: BN030824

Instrument ID: _____

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

Calibration Time(s): 10:28 _____

LAB FILE ID:		RRFAL1 = BN030349.D			RRFAL2 = BN030350.D		RRFAL3 = BN030351.D	
		RRFAL4 = BN030352.D			RRFAL5 = BN030353.D		RRFAL6 = BN030354.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.484	1.486	1.573	1.648	1.562		1.551	4.4
4-Chlorophenyl-phenylether	0.724	0.725	0.743	0.785	0.735		0.742	3.4
4-Nitroaniline		0.242	0.320	0.322	0.284	0.267	0.287	12.0
4,6-Dinitro-2-methylphenol		0.100	0.124	0.144	0.151	0.154	0.135	16.6
N-Nitrosodiphenylamine	0.553	0.608	0.636	0.677	0.682		0.631	8.5
1,2,4,5-Tetrachlorobenzene	0.571	0.625	0.582	0.688	0.692		0.632	9.0
4-Bromophenyl-phenylether	0.193	0.197	0.218	0.233	0.231		0.214	8.6
Hexachlorobenzene	0.217	0.222	0.239	0.249	0.246		0.235	6.2
Atrazine		0.196	0.230	0.230	0.219	0.210	0.217	6.6
Pentachlorophenol		0.129	0.149	0.169	0.170	0.177	0.159	12.4
2-Methylphenol		1.097	1.320	1.443	1.334	1.425	1.324	10.4
Phenanthrene	1.074	1.127	1.180	1.227	1.225		1.166	5.7
Pentachlorobenzene	0.256	0.263	0.271	0.296	0.306		0.278	7.8
Anthracene	1.093	1.144	1.218	1.234	1.244		1.187	5.5
1,2,3,4-Tetrachlorobenzene	0.272	0.288	0.272	0.317	0.343		0.299	10.4
Carbazole		0.972	1.076	1.073	1.085	1.062	1.054	4.4
Di-n-butylphthalate	1.255	1.336	1.577	1.563	1.590		1.464	10.7
Fluoranthene	1.394	1.324	1.608	1.782	1.673		1.556	12.3
Pyrene	1.485	1.385	1.664	1.784	1.679		1.600	10.1
Butylbenzylphthalate	0.612	0.633	0.833	0.873	0.881		0.766	17.3
3,3-Dichlorobenzidine		0.366	0.449	0.448	0.465	0.445	0.435	9.0
2,2-oxybis (1-Chloropropane)		1.159	1.297	1.404	1.293	1.263	1.283	6.8
Benzo (a) anthracene	1.381	1.429	1.509	1.588	1.598		1.501	6.4
Chrysene	1.290	1.330	1.423	1.451	1.466		1.392	5.6
Bis (2-ethylhexyl) phthalate	0.953	0.977	1.269	1.282	1.319		1.160	15.4
Di-n-octyl phthalate		1.404	2.116	2.044	1.898	1.899	1.872	14.9
Benzo (b) fluoranthene	1.089	1.263	1.418	1.456	1.369		1.319	11.2
Benzo (k) fluoranthene	1.227	1.260	1.445	1.488	1.389		1.362	8.4
Benzo (a) pyrene	1.054	1.211	1.258	1.392	1.325		1.248	10.3
Indeno (1,2,3-cd) pyrene	1.320	1.460	1.390	1.625	1.626		1.484	9.3
Dibenzo (a,h) anthracene	1.069	1.199	1.125	1.341	1.317		1.210	9.8
Benzo (g,h,i) perylene	1.081	1.198	1.091	1.322	1.319		1.202	9.8
Acetophenone		2.017	2.350	2.427	2.163	2.283	2.248	7.2
2,3,4,6-Tetrachlorophenol	0.297	0.323	0.361	0.397	0.383		0.352	11.8
1,4-Dioxane-d8	0.589	0.621	0.563	0.595	0.595		0.593	3.5
Pyridine-d5		1.236	1.323	1.431	1.495	1.588	1.415	9.8

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.: BN030824

SAS No.: BN030824

SDG No.: BN030824

Instrument ID: _____

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

Calibration Time(s): 10:28 _____

LAB FILE ID:		RRFAL1 = BN030349.D			RRFAL2 = BN030350.D		RRFAL3 = BN030351.D	
		RRFAL4 = BN030352.D			RRFAL5 = BN030353.D		RRFAL6 = BN030354.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.542	1.771	1.912	1.787	1.860	1.774	8.0
Bis-(2-Chloroethyl)ether-d8		0.891	1.009	1.087	1.032	1.019	1.008	7.1
2-Chlorophenol-d4	1.243	1.288	1.476	1.598	1.502		1.421	10.6
4-Methylphenol-d8		1.159	1.407	1.528	1.409	1.489	1.399	10.3
Nitrobenzene-d5	0.146	0.152	0.166	0.184	0.187		0.167	11.2
2-Nitrophenol-d4	0.139	0.156	0.178	0.196	0.205		0.175	15.6
2,4-Dichlorophenol-d3	0.261	0.285	0.326	0.345	0.344		0.312	12.0
4-Chloroaniline-d4		0.402	0.478	0.499	0.471	0.465	0.463	7.9
4-Methylphenol		1.183	1.442	1.513	1.395	1.461	1.399	9.1
Dimethylphthalate-d6	1.479	1.481	1.630	1.756	1.717		1.613	8.0
Acenaphthylene-d8	1.602	1.725	1.813	2.014	1.981		1.827	9.5
4-Nitrophenol-d4		0.218	0.281	0.310	0.312	0.309	0.286	14.0
Fluorene-d10	1.238	1.273	1.320	1.419	1.365		1.323	5.4
4,6-Dinitro-2-methylphenol-		0.089	0.116	0.132	0.141	0.146	0.125	18.4
Anthracene-d10	0.844	0.938	1.005	1.039	1.029		0.971	8.3
Pyrene-d10	1.152	1.094	1.329	1.430	1.346		1.270	11.1
Benzo(a)pyrene-d12	0.906	0.976	1.076	1.160	1.120		1.048	10.0
N-Nitroso-di-n-propylamine	0.936	0.957	1.196	1.215	1.073		1.076	12.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG NO.: BN031224EPA Sample No.: SSTD020241 Date Analyzed: Mar 12 2024 12:00AMLab File ID: BN030351.D Time Analyzed: 10:08Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	120978	7.799	513587	10.59	336510	14.45
UPPER LIMIT	241956	8.299	1027174	11.093	673020	14.951
LOWER LIMIT	60489	7.299	256793.5	10.093	168255	13.951
EPA SAMPLE NO.						
01 SBLK439	108037	7.79	421904	10.59	241784	14.45
02 MDL-WATER-QT1-2024-02	111883	7.79	453127	10.59	250843	14.45
03 MDL-SOIL-QT1-2024-02	99413	7.79	387728	10.59	206395	14.45
04 MDL-MED-SOIL-QT1-2024-02	107930	7.79	453306	10.59	279604	14.45
05 SBLK472	96255	7.79	404747	10.59	252430	14.45
06 SBLK474	86200	7.79	358911	10.59	227593	14.45
07 SVOC-GPC2-BLANK	97385	7.79	389461	10.59	245062	14.45
08 SBLK553	90696	7.79	384147	10.59	244375	14.45
09 C0B74	84625	7.80	321435	10.59	195363	14.45
10 C0B75	115287	7.80	467018	10.59	286005	14.45
11 SLCS553	106659	7.79	442960	10.59	286575	14.45

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN031224 SAS No.: BN031224 SDG NO.: BN031224

EPA Sample No.: SSTD020324 Date Analyzed: Mar 12 2024 12:00AM

Lab File ID: BN030366.D Time Analyzed: 10:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	140351	7.793	586758	10.59	366203	14.45
UPPER LIMIT	280702	8.293	1173516	11.087	732406	14.951
LOWER LIMIT	70175.5	7.293	293379	10.087	183101.5	13.951
EPA SAMPLE NO.						
01 SBLK439	108037	7.79	421904	10.59	241784	14.45
02 MDL-WATER-QT1-2024-02	111883	7.79	453127	10.59	250843	14.45
03 MDL-SOIL-QT1-2024-02	99413	7.79	387728	10.59	206395	14.45
04 MDL-MED-SOIL-QT1-2024-02	107930	7.79	453306	10.59	279604	14.45
05 SBLK472	96255	7.79	404747	10.59	252430	14.45
06 SBLK474	86200	7.79	358911	10.59	227593	14.45
07 SVOC-GPC2-BLANK	97385	7.79	389461	10.59	245062	14.45

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.: BN031224 SAS No.: BN031224 SDG NO.: BN031224

EPA Sample No.: SSTD020325 Date Analyzed: Mar 12 2024 12:00AM

Lab File ID: BN030374.D Time Analyzed: 17:32

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	85989	7.793	369460	10.59	244870	14.45
UPPER LIMIT	171978	8.293	738920	11.087	489740	14.951
LOWER LIMIT	42994.5	7.293	184730	10.087	122435	13.951
EPA SAMPLE NO.						
01 SBLK553	90696	7.79	384147	10.59	244375	14.45
02 C0B74	84625	7.80	321435	10.59	195363	14.45
03 C0B75	115287	7.80	467018	10.59	286005	14.45
04 SLCS553	106659	7.79	442960	10.59	286575	14.45

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.: BN031224 SAS No.: BN031224 SDG NO.: BN031224

EPA Sample No.: SSTD020241 Date Analyzed: Mar 12 2024 12:00AM

Lab File ID: BN030351.D Time Analyzed: 10:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	694807	17.21	581040	21.433	558872	23.786
UPPER LIMIT	1389614	17.71	1162080	21.933	1117744	24.286
LOWER LIMIT	347403.5	16.71	290520	20.933	279436	23.286
EPA SAMPLE NO.						
01 SBLK439	450729	17.21	357307	21.43	380207	23.79
02 MDL-WATER-QT1-2024-02	505262	17.21	390969	21.43	441515	23.79
03 MDL-SOIL-QT1-2024-02	407636	17.21	347684	21.43	375073	23.79
04 MDL-MED-SOIL-QT1-2024-02	604623	17.21	481336	21.43	450747	23.79
05 SBLK472	486909	17.21	358815	21.43	364164	23.79
06 SBLK474	474844	17.21	402572	21.43	391531	23.78
07 SVOC-GPC2-BLANK	508469	17.21	427854	21.43	393431	23.79
08 SBLK553	517676	17.21	436017	21.43	404773	23.79
09 C0B74	402218	17.21	389853	21.43	453307	23.79
10 C0B75	534250	17.21	389993	21.43	415953	23.79
11 SLCS553	592167	17.21	499908	21.44	504961	23.79

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.: BN031224 SAS No.: BN031224 SDG NO.: BN031224

EPA Sample No.: SSTD020324

Date Analyzed: Mar 12 2024 12:00AM

Lab File ID: BN030366.D

Time Analyzed: 10:08

Instrument ID: BNA_N

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	702759	17.21	504906	21.439	539408	23.792
UPPER LIMIT	1405518	17.71	1009812	21.939	1078816	24.292
LOWER LIMIT	351379.5	16.71	252453	20.939	269704	23.292
EPA SAMPLE NO.						
01 SBLK439	450729	17.21	357307	21.43	380207	23.79
02 MDL-WATER-QT1-2024-02	505262	17.21	390969	21.43	441515	23.79
03 MDL-SOIL-QT1-2024-02	407636	17.21	347684	21.43	375073	23.79
04 MDL-MED-SOIL-QT1-2024-02	604623	17.21	481336	21.43	450747	23.79
05 SBLK472	486909	17.21	358815	21.43	364164	23.79
06 SBLK474	474844	17.21	402572	21.43	391531	23.78
07 SVOC-GPC2-BLANK	508469	17.21	427854	21.43	393431	23.79

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.: BN031224 SAS No.: BN031224 SDG NO.: BN031224

EPA Sample No.: SSTD020325 Date Analyzed: Mar 12 2024 12:00AM

Lab File ID: BN030374.D Time Analyzed: 17:32

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	549789	17.21	547812	21.439	576026	23.792
UPPER LIMIT	1099578	17.71	1095624	21.939	1152052	24.292
LOWER LIMIT	274894.5	16.71	273906	20.939	288013	23.292
EPA SAMPLE NO.						
01 SBLK553	517676	17.21	436017	21.43	404773	23.79
02 C0B74	402218	17.21	389853	21.43	453307	23.79
03 C0B75	534250	17.21	389993	21.43	415953	23.79
04 SLCS553	592167	17.21	499908	21.44	504961	23.79

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN031224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159553BS	1,4-Dioxane	16	9.8	ug/L	61				0	0		
	Benzaldehyde	40	29	ug/L	73				0	0		
	Pyridine	40	26	ug/L	65				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	29	ug/L	73				0	0		
	2,2-oxybis(1-Chloropropane)	40	25	ug/L	63				0	0		
	Acetophenone	40	29	ug/L	73				0	0		
	4-Methylphenol	40	29	ug/L	73				0	0		
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	28	ug/L	70				0	0		
	Isophorone	40	30	ug/L	75				0	0		
	2-Nitrophenol	40	31	ug/L	78				0	0		
	2,4-Dimethylphenol	40	29	ug/L	73				0	0		
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0		
	2,4-Dichlorophenol	40	30	ug/L	75				0	0		
	Naphthalene	40	28	ug/L	70				0	0		
	4-Chloroaniline	40	21	ug/L	52				0	0		
	Hexachlorobutadiene	40	28	ug/L	70				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0		
	1-Methylnaphthalene	40	30	ug/L	75				0	0		
	2-Methylnaphthalene	40	30	ug/L	75				0	0		
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0		
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	30	ug/L	75				0	0		
	Dimethylphthalate	40	29	ug/L	73				0	0		
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	30	ug/L	75				0	0		
	Acenaphthene	40	28	ug/L	70				0	0		
	2,4-Dinitrophenol	40	28	ug/L	70				0	0		
	4-Nitrophenol	40	31	ug/L	78				0	0		
	Dibenzofuran	40	28	ug/L	70				0	0		
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0		
	Diethylphthalate	40	30	ug/L	75				0	0		
	Fluorene	40	28	ug/L	70				0	0		
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0		
	4-Nitroaniline	40	36	ug/L	90				0	0		
	4,6-Dinitro-2-methylphenol	40	29	ug/L	73				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN031224

Client:

Analytical Method: SFAM_SVOC

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159553BS	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	30	ug/L	75				0	0	
	Atrazine	40	17	ug/L	43				0	0	
	Pentachlorophenol	40	27	ug/L	68				0	0	
	Phenanthrene	40	29	ug/L	73				0	0	
	Pentachlorobenzene	40	29	ug/L	73				0	0	
	Anthracene	40	29	ug/L	73				0	0	
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	31	ug/L	78				0	0	
	Fluoranthene	40	30	ug/L	75				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	32	ug/L	80				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	29	ug/L	73				0	0	
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0	
	Di-n-octylphthalate	40	32	ug/L	80				0	0	
	Benzo(b)fluoranthene	40	32	ug/L	80				0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(a)pyrene	40	29	ug/L	73				0	0	
	Indeno(1,2,3-cd)pyrene	40	26	ug/L	65				0	0	
	Dibenzo(a,h)anthracene	40	25	ug/L	63				0	0	
	Benzo(g,h,i)perylene	40	24	ug/L	60				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK439

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN031224

SAS No.: BN031224 SDG NO.: BN031224

Lab File ID: BN030367.D

Lab Sample ID: PB159439BL

Instrument ID: BNA_N

Date Extracted: 03/05/2024

Matrix: (soil/water) Water

Date Analyzed: 03/12/2024

Level: (low/med) LOW

Time Analyzed: 10:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT1-2024-02	P1601-02	BN030368.D	03/12/2024

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK472

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN031224SAS No.: BN031224 SDG NO.: BN031224Lab File ID: BN030371.DLab Sample ID: PB159472BLInstrument ID: BNA_NDate Extracted: 03/06/2024Matrix: (soil/water) SolidDate Analyzed: 03/12/2024Level: (low/med) LOWTime Analyzed: 12:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT1-2024-02	P1601-04	BN030369.D	03/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK474

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN031224SAS No.: BN031224 SDG NO.: BN031224Lab File ID: BN030372.DLab Sample ID: PB159474BLInstrument ID: BNA_NDate Extracted: 03/06/2024Matrix: (soil/water) SolidDate Analyzed: 03/12/2024Level: (low/med) MEDTime Analyzed: 13:13

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-QT1-2024-02	P1601-06	BN030370.D	03/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN031224SAS No.: BN031224 SDG NO.: BN031224Lab File ID: BN030373.DLab Sample ID: P1717-10Instrument ID: BNA_NDate Extracted: 03/11/2024Matrix: (soil/water) SolidDate Analyzed: 03/12/2024Level: (low/med) LOWTime Analyzed: 16:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P1717-10	BN030373.D	03/12/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK553

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN031224SAS No.: BN031224 SDG NO.: BN031224Lab File ID: BN030375.DLab Sample ID: PB159553BLInstrument ID: BNA_NDate Extracted: 03/12/2024Matrix: (soil/water) WaterDate Analyzed: 03/12/2024Level: (low/med) LOWTime Analyzed: 17:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B74	P1728-01	BN030376.D	03/12/2024
C0B75	P1728-02	BN030377.D	03/12/2024
PB159553BS	PB159553BS	BN030378.D	03/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN031224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-02	MDL-WATER-QT1	BN030368.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Pyridine-d5	40	23.35	58		20	120
			Phenol-d5	40	20.10	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.89	50		25	120
			2-Chlorophenol-d4	40	21.38	53		20	130
			4-Methylphenol-d8	40	19.95	50		25	125
			Nitrobenzene-d5	40	21.40	53		20	125
			2-Nitrophenol-d4	40	21.94	55		20	130
			2,4-Dichlorophenol-d3	40	21.39	53		20	120
			4-Chloroaniline-d4	40	20.04	50		1	146
			Dimethylphthalate-d6	40	21.72	54		25	130
			Acenaphthylene-d8	40	22.23	56		10	130
			4-Nitrophenol-d4	40	16.85	42		10	150
			Fluorene-d10	40	22.24	56		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.86	45		10	130
			Anthracene-d10	40	19.51	49		25	130
			Pyrene-d10	40	21.47	54		15	130
			Benzo(a)pyrene-d12	40	21.55	54		20	130
PB159439BL	PB159439BL	BN030367.D	Pyridine-d5	40	30.91	77		20	120
			1,4-Dioxane-d8	8	6.17	77		15	120
			Phenol-d5	40	28.03	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.99	72		25	120
			2-Chlorophenol-d4	40	30.30	76		20	130
			4-Methylphenol-d8	40	29.23	73		25	125
			Nitrobenzene-d5	40	31.45	79		20	125
			2-Nitrophenol-d4	40	31.89	80		20	130
			2,4-Dichlorophenol-d3	40	30.10	75		20	120
			4-Chloroaniline-d4	40	29.80	75		1	146
			Dimethylphthalate-d6	40	30.89	77		25	130
			Acenaphthylene-d8	40	30.44	76		10	130
			4-Nitrophenol-d4	40	22.15	55		10	150
			Fluorene-d10	40	30.33	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.71	67		10	130
			Anthracene-d10	40	31.71	79		25	130
			Pyrene-d10	40	33.17	83		15	130
			Benzo(a)pyrene-d12	40	33.87	85		20	130



Surrogate Summary

SW-846

SDG No.: BN031224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-04	MDL-SOIL-QT1-2(BN030369.D		1,4-Dioxane-d8	8	5.62	70		15	120
			Pyridine-d5	40	24.41	61		20	120
			Phenol-d5	40	20.15	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.53	49		10	150
			2-Chlorophenol-d4	40	21.89	55		15	120
			4-Methylphenol-d8	40	19.05	48		10	140
			Nitrobenzene-d5	40	21.84	55		10	135
			2-Nitrophenol-d4	40	21.79	54		10	120
			2,4-Dichlorophenol-d3	40	20.93	52		10	140
			4-Chloroaniline-d4	40	19.65	49		1	145
			Dimethylphthalate-d6	40	21.72	54		10	145
			Acenaphthylene-d8	40	22.02	55		15	120
			4-Nitrophenol-d4	40	17.90	45		10	150
			Fluorene-d10	40	21.65	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.71	47		10	130
			Anthracene-d10	40	19.64	49		10	150
			Pyrene-d10	40	20.16	50		10	130
			Benzo(a)pyrene-d12	40	21.93	55		10	140
PB159472BL	PB159472BL	BN030371.D	1,4-Dioxane-d8	8	5.81	73		15	120
			Pyridine-d5	40	29.94	75		20	120
			Phenol-d5	40	28.12	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.72	69		10	150
			2-Chlorophenol-d4	40	30.51	76		15	120
			4-Methylphenol-d8	40	29.96	75		10	140
			Nitrobenzene-d5	40	30.52	76		10	135
			2-Nitrophenol-d4	40	32.00	80		10	120
			2,4-Dichlorophenol-d3	40	29.96	75		10	140
			4-Chloroaniline-d4	40	30.18	75		1	145
			Dimethylphthalate-d6	40	32.06	80		10	145
			Acenaphthylene-d8	40	30.25	76		15	120
			4-Nitrophenol-d4	40	24.05	60		10	150
			Fluorene-d10	40	30.92	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.03	70		10	130
			Anthracene-d10	40	32.01	80		10	150
			Pyrene-d10	40	35.35	88		10	130
			Benzo(a)pyrene-d12	40	34.11	85		10	140



Surrogate Summary

SW-846

SDG No.: BN031224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1601-06	MDL-MED-SOIL-(BN030370.D		Pyridine-d5	40	22.51	56		20	120
			1,4-Dioxane-d8	8	4.96	62		15	120
			Phenol-d5	40	20.29	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.66	49		10	150
			2-Chlorophenol-d4	40	21.51	54		15	120
			4-Methylphenol-d8	40	20.98	52		10	140
			Nitrobenzene-d5	40	21.64	54		10	135
			2-Nitrophenol-d4	40	22.83	57		10	120
			2,4-Dichlorophenol-d3	40	21.62	54		10	140
			4-Chloroaniline-d4	40	20.78	52		1	145
			Dimethylphthalate-d6	40	22.50	56		10	145
			Acenaphthylene-d8	40	22.10	55		15	120
			4-Nitrophenol-d4	40	19.43	49		10	150
			Fluorene-d10	40	22.89	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.58	49		10	130
			Anthracene-d10	40	20.12	50		10	150
			Pyrene-d10	40	23.20	58		10	130
			Benzo(a)pyrene-d12	40	23.07	58		10	140
PB159474BL	PB159474BL	BN030372.D	1,4-Dioxane-d8	8	6.06	76		15	120
			Pyridine-d5	40	32.41	81		20	120
			Phenol-d5	40	28.76	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.39	73		10	150
			2-Chlorophenol-d4	40	31.28	78		15	120
			4-Methylphenol-d8	40	31.14	78		10	140
			Nitrobenzene-d5	40	31.79	79		10	135
			2-Nitrophenol-d4	40	33.05	83		10	120
			2,4-Dichlorophenol-d3	40	31.26	78		10	140
			4-Chloroaniline-d4	40	32.12	80		1	145
			Dimethylphthalate-d6	40	33.06	83		10	145
			Acenaphthylene-d8	40	31.83	80		15	120
			4-Nitrophenol-d4	40	26.90	67		10	150
			Fluorene-d10	40	33.27	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.64	74		10	130
			Anthracene-d10	40	32.71	82		10	150
			Pyrene-d10	40	33.92	85		10	130
			Benzo(a)pyrene-d12	40	33.81	85		10	140



Surrogate Summary
SW-846

SDG No.: BN031224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1717-10	SVOC-GPC2-BLA1BN030373.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BN031224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1728-01	C0B74	BN030376.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Pyridine-d5	40	7.97	20		20	120
			Phenol-d5	40	4.13	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.03	53		25	120
			2-Chlorophenol-d4	40	17.56	44		20	130
			4-Methylphenol-d8	40	10.67	27		25	125
			Nitrobenzene-d5	40	25.49	64		20	125
			2-Nitrophenol-d4	40	25.40	63		20	130
			2,4-Dichlorophenol-d3	40	23.63	59		20	120
			4-Chloroaniline-d4	40	18.51	46		1	146
			Dimethylphthalate-d6	40	28.02	70		25	130
			Acenaphthylene-d8	40	27.21	68		10	130
			4-Nitrophenol-d4	40	4.72	12		10	150
			Fluorene-d10	40	28.04	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.27	53		10	130
			Anthracene-d10	40	29.75	74		25	130
			Pyrene-d10	40	27.26	68		15	130
			Benzo(a)pyrene-d12	40	29.87	75		20	130
P1728-02	C0B75	BN030377.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	8.05	20		20	120
			Phenol-d5	40	4.30	11		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.57	59		25	120
			2-Chlorophenol-d4	40	18.92	47		20	130
			4-Methylphenol-d8	40	11.89	30		25	125
			Nitrobenzene-d5	40	26.41	66		20	125
			2-Nitrophenol-d4	40	27.49	69		20	130
			2,4-Dichlorophenol-d3	40	24.99	62		20	120
			4-Chloroaniline-d4	40	21.42	54		1	146
			Dimethylphthalate-d6	40	29.23	73		25	130
			Acenaphthylene-d8	40	28.49	71		10	130
			4-Nitrophenol-d4	40	3.91	10		10	150
			Fluorene-d10	40	28.12	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.99	60		10	130
			Anthracene-d10	40	31.24	78		25	130
			Pyrene-d10	40	34.40	86		15	130
			Benzo(a)pyrene-d12	40	32.92	82		20	130
PB159553BL	PB159553BL	BN030375.D	Pyridine-d5	40	24.53	61		20	120
			1,4-Dioxane-d8	8	4.51	56		15	120
			Phenol-d5	40	22.80	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.56	56		25	120
			2-Chlorophenol-d4	40	24.85	62		20	130
			4-Methylphenol-d8	40	24.64	62		25	125
			Nitrobenzene-d5	40	25.32	63		20	125
			2-Nitrophenol-d4	40	26.31	66		20	130
			2,4-Dichlorophenol-d3	40	24.93	62		20	120
			4-Chloroaniline-d4	40	25.28	63		1	146
			Dimethylphthalate-d6	40	27.75	69		25	130
			Acenaphthylene-d8	40	25.49	64		10	130
			4-Nitrophenol-d4	40	21.71	54		10	150
			Fluorene-d10	40	26.70	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.31	56		10	130



Surrogate Summary
SW-846

SDG No.: BN031224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159553BL	PB159553BL	BN030375.D	Anthracene-d10	40	27.63	69		25	130
			Pyrene-d10	40	28.66	72		15	130
			Benzo(a)pyrene-d12	40	29.15	73		20	130
PB159553BS	PB159553BS	BN030378.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Pyridine-d5	40	28.78	72		20	120
			Phenol-d5	40	28.80	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.11	70		25	120
			2-Chlorophenol-d4	40	30.14	75		20	130
			4-Methylphenol-d8	40	31.05	78		25	125
			Nitrobenzene-d5	40	30.26	76		20	125
			2-Nitrophenol-d4	40	32.32	81		20	130
			2,4-Dichlorophenol-d3	40	32.39	81		20	120
			4-Chloroaniline-d4	40	29.47	74		1	146
			Dimethylphthalate-d6	40	30.78	77		25	130
			Acenaphthylene-d8	40	30.07	75		10	130
			4-Nitrophenol-d4	40	31.89	80		10	150
			Fluorene-d10	40	30.54	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.84	77		10	130
			Anthracene-d10	40	30.84	77		25	130
			Pyrene-d10	40	31.52	79		15	130
			Benzo(a)pyrene-d12	40	32.71	82		20	130



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN031224

Lab Code: CHEM

SAS No.: BN031224 SDG NO.: BN031224

Lab File ID: BN030365.D

DFTPP Injection Date: 03/12/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.9
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	45.6
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	53.6
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	7.1
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	71.3
443	15.0 - 24.0% of mass 442	15.1 (21.1) 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
SSTD020324	SSTDCCC020	BN030366.D	03/12/2024	09:31
SBLK439	PB159439BL	BN030367.D	03/12/2024	10:08
MDL-WATER-QT1-2024-02	P1601-02	BN030368.D	03/12/2024	10:43
MDL-SOIL-QT1-2024-02	P1601-04	BN030369.D	03/12/2024	11:20
MDL-MED-SOIL-QT1-2024-02	P1601-06	BN030370.D	03/12/2024	11:57
SBLK472	PB159472BL	BN030371.D	03/12/2024	12:38
SBLK474	PB159474BL	BN030372.D	03/12/2024	13:13
SVOC-GPC2-BLANK	P1717-10	BN030373.D	03/12/2024	16:20
SSTD020325	SSTDCCC020	BN030374.D	03/12/2024	16:56
SBLK553	PB159553BL	BN030375.D	03/12/2024	17:32
C0B74	P1728-01	BN030376.D	03/12/2024	18:08
C0B75	P1728-02	BN030377.D	03/12/2024	18:44
SLCS553	PB159553BS	BN030378.D	03/12/2024	19:21
SSTD020326	SSTDCCC020EC	BN030379.D	03/12/2024	21:10