

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/16/2024 : 10:39

Lab File ID: BP022410.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020656 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.536	0.010	-3.0622	40.0
Benzaldehyde	0.910	1.020	0.010	12.0798	40.0
Pyridine	1.449	1.365	0.010	-5.8057	40.0
Phenol	1.752	1.620	0.080	-7.5286	20.0
Bis(2-Chloroethyl)ether	1.311	1.296	0.100	-1.1591	20.0
2-Chlorophenol	1.235	1.226	0.200	-0.7235	20.0
2-Methylphenol	1.271	1.199	0.010	-5.6377	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.427	0.010	-6.3375	40.0
Acetophenone	2.218	2.052	0.060	-7.5015	20.0
4-Methylphenol	1.410	1.259	0.010	-10.7168	20.0
N-Nitroso-di-n-propylamine	1.124	1.071	0.050	-4.6993	30.0
Hexachloroethane	0.575	0.589	0.100	2.46	20.0
Nitrobenzene	0.459	0.457	0.050	-0.464	25.0
Isophorone	0.823	0.816	0.050	-0.8478	25.0
2-Nitrophenol	0.192	0.197	0.050	2.8748	25.0
2,4-Dimethylphenol	0.417	0.410	0.050	-1.631	25.0
Bis(2-Chloroethoxy)methane	0.467	0.467	0.050	-0.0533	20.0
2,4-Dichlorophenol	0.373	0.370	0.060	-0.7822	20.0
Naphthalene	1.065	1.051	0.200	-1.3703	20.0
4-Chloroaniline	0.441	0.417	0.010	-5.5109	40.0
Hexachlorobutadiene	0.314	0.333	0.040	5.8808	30.0
Caprolactam	0.120	0.106	0.010	-11.3978	40.0
4-Chloro-3-methylphenol	0.407	0.389	0.040	-4.2057	25.0
1-Methylnaphthalene	0.798	0.792	0.100	-0.8262	20.0
2-Methylnaphthalene	0.782	0.770	0.100	-1.4723	20.0
Hexachlorocyclopentadiene	0.451	0.538	0.010	19.4836	40.0
2,4,6-Trichlorophenol	0.465	0.459	0.090	-1.2477	25.0
2,4,5-Trichlorophenol	0.495	0.497	0.100	0.2975	25.0
1,1-Biphenyl	1.442	1.423	0.200	-1.3011	20.0
2-Chloronaphthalene	1.180	1.171	0.300	-0.8084	20.0
2-Nitroaniline	0.352	0.343	0.050	-2.6303	40.0
Dimethylphthalate	1.583	1.562	0.300	-1.358	20.0
2,6-Dinitrotoluene	0.299	0.310	0.080	3.3988	30.0
Acenaphthylene	1.752	1.825	0.400	4.1942	20.0
3-Nitroaniline	0.281	0.264	0.010	-6.0084	40.0
Acenaphthene	1.239	1.213	0.200	-2.0383	20.0
2,4-Dinitrophenol	0.220	0.247	0.010	12.0225	40.0
4-Nitrophenol	0.296	0.301	0.010	1.6106	40.0
Dibenzofuran	1.861	1.823	0.300	-2.0406	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/16/2024 : 10:39

Lab File ID: BP022410.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020656 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.473	0.070	1.6582	30.0
Diethylphthalate	1.519	1.565	0.300	3.0474	20.0
Fluorene	1.516	1.530	0.200	0.9265	20.0
4-Chlorophenyl-phenylether	0.867	0.905	0.100	4.3389	20.0
4-Nitroaniline	0.283	0.259	0.010	-8.3233	40.0
4,6-Dinitro-2-methylphenol	0.142	0.138	0.010	-2.2727	40.0
N-Nitrosodiphenylamine	0.536	0.521	0.050	-2.6882	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.743	0.100	0.5182	20.0
4-Bromophenyl-phenylether	0.241	0.250	0.070	3.7536	20.0
Hexachlorobenzene	0.297	0.306	0.050	3.1557	25.0
Atrazine	0.223	0.226	0.010	1.4733	25.0
Pentachlorophenol	0.191	0.206	0.010	8.1259	40.0
Phenanthrene	1.070	1.065	0.200	-0.4385	20.0
Pentachlorobenzene	0.337	0.323	0.050	-3.9318	20.0
Anthracene	1.068	1.066	0.200	-0.1802	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.294	0.050	-3.3544	20.0
Carbazole	0.945	0.952	0.050	0.7334	40.0
Di-n-butylphthalate	1.045	1.114	0.500	6.5295	25.0
Fluoranthene	1.216	1.135	0.400	-6.6375	25.0
Pyrene	1.303	1.194	0.400	-8.39	25.0
Butylbenzylphthalate	0.454	0.461	0.100	1.5579	40.0
3,3-Dichlorobenzidine	0.477	0.455	0.010	-4.4888	40.0
Benzo (a) anthracene	1.402	1.383	0.300	-1.3271	30.0
Chrysene	1.300	1.258	0.200	-3.1997	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.679	0.200	4.3121	40.0
Di-n-octyl phthalate	0.951	0.971	0.010	2.0743	40.0
Benzo (b) fluoranthene	1.259	1.233	0.200	-2.0577	25.0
Benzo (k) fluoranthene	1.233	1.233	0.200	0.0372	25.0
Benzo (a) pyrene	1.159	1.171	0.200	1.1045	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.458	0.200	-5.6937	25.0
Dibenzo (a,h) anthracene	1.252	1.222	0.200	-2.4319	30.0
Benzo (g,h,i) perylene	1.203	1.174	0.200	-2.3528	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.476	0.040	2.9625	20.0
1,4-Dioxane-d8	0.515	0.479	0.010	-6.8393	25.0
Pyridine-d5	1.413	1.322	0.010	-6.4115	40.0
Phenol-d5	1.684	1.586	0.010	-5.78	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.945	0.050	-4.4999	25.0
2-Chlorophenol-d4	1.195	1.214	0.200	1.6444	20.0
4-Methylphenol-d8	1.344	1.254	0.010	-6.6894	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/16/2024 : 10:39

Lab File ID: BP022410.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020656 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.161	0.050	4.7425	20.0
2-Nitrophenol-d4	0.178	0.190	0.050	6.982	30.0
2,4-Dichlorophenol-d3	0.378	0.386	0.060	1.9457	20.0
4-Chloroaniline-d4	0.447	0.430	0.010	-3.9128	40.0
Dimethylphthalate-d6	1.589	1.562	0.300	-1.7296	20.0
Acenaphthylene-d8	1.688	1.673	0.400	-0.8797	20.0
4-Nitrophenol-d4	0.267	0.260	0.010	-2.5668	40.0
Fluorene-d10	1.378	1.366	0.100	-0.8893	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.129	0.010	-2.2974	40.0
Anthracene-d10	0.941	0.939	0.300	-0.1657	20.0
Pyrene-d10	1.058	0.983	0.300	-7.0664	25.0
Benzo(a)pyrene-d12	1.068	1.029	0.010	-3.6199	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/16/2024 : 16:28

Lab File ID: BP022416.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020657 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.522	0.010	-5.6325	40.0
Benzaldehyde	0.910	0.997	0.010	9.5655	40.0
Pyridine	1.449	1.304	0.010	-10.0089	40.0
Phenol	1.752	1.530	0.080	-12.6737	20.0
Bis(2-Chloroethyl)ether	1.311	1.230	0.100	-6.2007	20.0
2-Chlorophenol	1.235	1.199	0.200	-2.9619	20.0
2-Methylphenol	1.271	1.156	0.010	-9.0282	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.379	0.010	-9.4743	40.0
Acetophenone	2.218	1.948	0.060	-12.1903	20.0
4-Methylphenol	1.410	1.211	0.010	-14.1294	20.0
N-Nitroso-di-n-propylamine	1.124	0.992	0.050	-11.757	30.0
Hexachloroethane	0.575	0.573	0.100	-0.3678	20.0
Nitrobenzene	0.459	0.444	0.050	-3.334	25.0
Isophorone	0.823	0.786	0.050	-4.5391	25.0
2-Nitrophenol	0.192	0.189	0.050	-1.6672	25.0
2,4-Dimethylphenol	0.417	0.406	0.050	-2.5961	25.0
Bis(2-Chloroethoxy)methane	0.467	0.465	0.050	-0.4752	20.0
2,4-Dichlorophenol	0.373	0.364	0.060	-2.2164	20.0
Naphthalene	1.065	1.061	0.200	-0.3809	20.0
4-Chloroaniline	0.441	0.414	0.010	-6.2005	40.0
Hexachlorobutadiene	0.314	0.322	0.040	2.5001	30.0
Caprolactam	0.120	0.102	0.010	-15.1768	40.0
4-Chloro-3-methylphenol	0.407	0.384	0.040	-5.4447	25.0
1-Methylnaphthalene	0.798	0.786	0.100	-1.5388	20.0
2-Methylnaphthalene	0.782	0.754	0.100	-3.5261	20.0
Hexachlorocyclopentadiene	0.451	0.491	0.010	8.9686	40.0
2,4,6-Trichlorophenol	0.465	0.459	0.090	-1.3513	25.0
2,4,5-Trichlorophenol	0.495	0.483	0.100	-2.4067	25.0
1,1-Biphenyl	1.442	1.418	0.200	-1.6262	20.0
2-Chloronaphthalene	1.180	1.158	0.300	-1.9042	20.0
2-Nitroaniline	0.352	0.330	0.050	-6.2689	40.0
Dimethylphthalate	1.583	1.553	0.300	-1.9387	20.0
2,6-Dinitrotoluene	0.299	0.302	0.080	0.8348	30.0
Acenaphthylene	1.752	1.759	0.400	0.4377	20.0
3-Nitroaniline	0.281	0.266	0.010	-5.515	40.0
Acenaphthene	1.239	1.212	0.200	-2.1473	20.0
2,4-Dinitrophenol	0.220	0.222	0.010	0.9514	40.0
4-Nitrophenol	0.296	0.264	0.010	-10.6372	40.0
Dibenzofuran	1.861	1.774	0.300	-4.6327	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/16/2024 : 16:28

Lab File ID: BP022416.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020657 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.456	0.070	-2.0477	30.0
Diethylphthalate	1.519	1.493	0.300	-1.7454	20.0
Fluorene	1.516	1.481	0.200	-2.3169	20.0
4-Chlorophenyl-phenylether	0.867	0.844	0.100	-2.6975	20.0
4-Nitroaniline	0.283	0.279	0.010	-1.2681	40.0
4,6-Dinitro-2-methylphenol	0.142	0.131	0.010	-7.2248	40.0
N-Nitrosodiphenylamine	0.536	0.519	0.050	-3.1793	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.730	0.100	-1.3356	20.0
4-Bromophenyl-phenylether	0.241	0.245	0.070	1.5264	20.0
Hexachlorobenzene	0.297	0.302	0.050	1.8792	25.0
Atrazine	0.223	0.216	0.010	-3.1345	25.0
Pentachlorophenol	0.191	0.198	0.010	3.8793	40.0
Phenanthrene	1.070	1.057	0.200	-1.2038	20.0
Pentachlorobenzene	0.337	0.333	0.050	-1.0798	20.0
Anthracene	1.068	1.067	0.200	-0.0672	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.299	0.050	-1.7501	20.0
Carbazole	0.945	0.915	0.050	-3.2111	40.0
Di-n-butylphthalate	1.045	1.071	0.500	2.4265	25.0
Fluoranthene	1.216	1.176	0.400	-3.3079	25.0
Pyrene	1.303	1.218	0.400	-6.5345	25.0
Butylbenzylphthalate	0.454	0.440	0.100	-3.1243	40.0
3,3-Dichlorobenzidine	0.477	0.494	0.010	3.7085	40.0
Benzo (a) anthracene	1.402	1.368	0.300	-2.4402	30.0
Chrysene	1.300	1.280	0.200	-1.5553	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.659	0.200	1.2281	40.0
Di-n-octyl phthalate	0.951	0.963	0.010	1.251	40.0
Benzo (b) fluoranthene	1.259	1.253	0.200	-0.4701	25.0
Benzo (k) fluoranthene	1.233	1.248	0.200	1.2637	25.0
Benzo (a) pyrene	1.159	1.160	0.200	0.1071	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.432	0.200	-7.408	25.0
Dibenzo (a,h) anthracene	1.252	1.194	0.200	-4.672	30.0
Benzo (g,h,i) perylene	1.203	1.136	0.200	-5.523	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.459	0.040	-0.813	20.0
1,4-Dioxane-d8	0.515	0.466	0.010	-9.4047	25.0
Pyridine-d5	1.413	1.282	0.010	-9.2466	40.0
Phenol-d5	1.684	1.510	0.010	-10.285	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.909	0.050	-8.1208	25.0
2-Chlorophenol-d4	1.195	1.166	0.200	-2.4096	20.0
4-Methylphenol-d8	1.344	1.191	0.010	-11.3234	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/16/2024 : 16:28

Lab File ID: BP022416.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020657 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.156	0.050	1.4641	20.0
2-Nitrophenol-d4	0.178	0.183	0.050	2.6831	30.0
2,4-Dichlorophenol-d3	0.378	0.380	0.060	0.3664	20.0
4-Chloroaniline-d4	0.447	0.418	0.010	-6.4199	40.0
Dimethylphthalate-d6	1.589	1.558	0.300	-1.9535	20.0
Acenaphthylene-d8	1.688	1.666	0.400	-1.2649	20.0
4-Nitrophenol-d4	0.267	0.237	0.010	-11.0506	40.0
Fluorene-d10	1.378	1.314	0.100	-4.6296	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.119	0.010	-9.3306	40.0
Anthracene-d10	0.941	0.924	0.300	-1.7828	20.0
Pyrene-d10	1.058	1.008	0.300	-4.672	25.0
Benzo(a)pyrene-d12	1.068	1.013	0.010	-5.1179	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624
Instrument ID: BNA_P Calibration Date/Time: 10/17/2024 : 03:17
Lab File ID: BP022432.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020658 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.497	0.010	-10.1421	40.0
Benzaldehyde	0.910	1.066	0.010	17.1591	40.0
Pyridine	1.449	1.334	0.010	-7.9431	40.0
Phenol	1.752	1.646	0.080	-6.0189	20.0
Bis(2-Chloroethyl)ether	1.311	1.304	0.100	-0.5305	20.0
2-Chlorophenol	1.235	1.229	0.200	-0.5355	20.0
2-Methylphenol	1.271	1.248	0.010	-1.832	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.457	0.010	-4.3718	40.0
Acetophenone	2.218	2.188	0.060	-1.3445	20.0
4-Methylphenol	1.410	1.383	0.010	-1.9073	20.0
N-Nitroso-di-n-propylamine	1.124	1.141	0.050	1.4979	30.0
Hexachloroethane	0.575	0.587	0.100	2.0285	20.0
Nitrobenzene	0.459	0.439	0.050	-4.3271	25.0
Isophorone	0.823	0.835	0.050	1.4848	25.0
2-Nitrophenol	0.192	0.198	0.050	2.9983	25.0
2,4-Dimethylphenol	0.417	0.413	0.050	-0.8618	25.0
Bis(2-Chloroethoxy)methane	0.467	0.472	0.050	1.0439	20.0
2,4-Dichlorophenol	0.373	0.379	0.060	1.8293	20.0
Naphthalene	1.065	1.053	0.200	-1.1726	20.0
4-Chloroaniline	0.441	0.428	0.010	-3.0524	40.0
Hexachlorobutadiene	0.314	0.316	0.040	0.5554	30.0
Caprolactam	0.120	0.116	0.010	-3.3764	40.0
4-Chloro-3-methylphenol	0.407	0.420	0.040	3.2652	25.0
1-Methylnaphthalene	0.798	0.823	0.100	3.1573	20.0
2-Methylnaphthalene	0.782	0.791	0.100	1.101	20.0
Hexachlorocyclopentadiene	0.451	0.422	0.010	-6.2541	40.0
2,4,6-Trichlorophenol	0.465	0.465	0.090	-0.1078	25.0
2,4,5-Trichlorophenol	0.495	0.507	0.100	2.4071	25.0
1,1-Biphenyl	1.442	1.386	0.200	-3.8261	20.0
2-Chloronaphthalene	1.180	1.151	0.300	-2.426	20.0
2-Nitroaniline	0.352	0.329	0.050	-6.5108	40.0
Dimethylphthalate	1.583	1.579	0.300	-0.2492	20.0
2,6-Dinitrotoluene	0.299	0.317	0.080	5.6943	30.0
Acenaphthylene	1.752	1.818	0.400	3.7712	20.0
3-Nitroaniline	0.281	0.288	0.010	2.354	40.0
Acenaphthene	1.239	1.208	0.200	-2.4523	20.0
2,4-Dinitrophenol	0.220	0.230	0.010	4.5788	40.0
4-Nitrophenol	0.296	0.291	0.010	-1.6978	40.0
Dibenzofuran	1.861	1.831	0.300	-1.5722	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/17/2024 : 03:17

Lab File ID: BP022432.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020658 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.486	0.070	4.5095	30.0
Diethylphthalate	1.519	1.583	0.300	4.1822	20.0
Fluorene	1.516	1.522	0.200	0.3778	20.0
4-Chlorophenyl-phenylether	0.867	0.872	0.100	0.5449	20.0
4-Nitroaniline	0.283	0.317	0.010	12.1142	40.0
4,6-Dinitro-2-methylphenol	0.142	0.128	0.010	-9.45	40.0
N-Nitrosodiphenylamine	0.536	0.507	0.050	-5.3656	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.711	0.100	-3.883	20.0
4-Bromophenyl-phenylether	0.241	0.247	0.070	2.2211	20.0
Hexachlorobenzene	0.297	0.301	0.050	1.36	25.0
Atrazine	0.223	0.216	0.010	-2.804	25.0
Pentachlorophenol	0.191	0.200	0.010	4.5308	40.0
Phenanthrene	1.070	1.030	0.200	-3.7368	20.0
Pentachlorobenzene	0.337	0.316	0.050	-6.118	20.0
Anthracene	1.068	1.050	0.200	-1.6745	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.273	0.050	-10.2349	20.0
Carbazole	0.945	0.906	0.050	-4.09	40.0
Di-n-butylphthalate	1.045	1.075	0.500	2.8339	25.0
Fluoranthene	1.216	1.315	0.400	8.1545	25.0
Pyrene	1.303	1.339	0.400	2.758	25.0
Butylbenzylphthalate	0.454	0.498	0.100	9.8221	40.0
3,3-Dichlorobenzidine	0.477	0.490	0.010	2.8813	40.0
Benzo (a) anthracene	1.402	1.392	0.300	-0.7176	30.0
Chrysene	1.300	1.263	0.200	-2.8354	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.720	0.200	10.6288	40.0
Di-n-octyl phthalate	0.951	1.061	0.010	11.5387	40.0
Benzo (b) fluoranthene	1.259	1.270	0.200	0.8605	25.0
Benzo (k) fluoranthene	1.233	1.206	0.200	-2.1248	25.0
Benzo (a) pyrene	1.159	1.141	0.200	-1.5412	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.446	0.200	-6.4464	25.0
Dibenzo (a,h) anthracene	1.252	1.195	0.200	-4.5304	30.0
Benzo (g,h,i) perylene	1.203	1.146	0.200	-4.7277	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.492	0.040	6.4746	20.0
1,4-Dioxane-d8	0.515	0.440	0.010	-14.4626	25.0
Pyridine-d5	1.413	1.284	0.010	-9.1146	40.0
Phenol-d5	1.684	1.639	0.010	-2.6691	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.939	0.050	-5.1387	25.0
2-Chlorophenol-d4	1.195	1.232	0.200	3.1024	20.0
4-Methylphenol-d8	1.344	1.341	0.010	-0.197	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG No.: BP101624

Instrument ID: BNA_P Calibration Date/Time: 10/17/2024 : 03:17

Lab File ID: BP022432.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020658 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.158	0.050	2.472	20.0
2-Nitrophenol-d4	0.178	0.189	0.050	6.379	30.0
2,4-Dichlorophenol-d3	0.378	0.392	0.060	3.4975	20.0
4-Chloroaniline-d4	0.447	0.431	0.010	-3.5645	40.0
Dimethylphthalate-d6	1.589	1.585	0.300	-0.2851	20.0
Acenaphthylene-d8	1.688	1.689	0.400	0.0546	20.0
4-Nitrophenol-d4	0.267	0.265	0.010	-0.5436	40.0
Fluorene-d10	1.378	1.382	0.100	0.2618	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.121	0.010	-8.1502	40.0
Anthracene-d10	0.941	0.909	0.300	-3.3958	20.0
Pyrene-d10	1.058	1.095	0.300	3.5026	25.0
Benzo(a)pyrene-d12	1.068	1.034	0.010	-3.2009	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022411.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022411.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022411.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.629		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.994		20-120		55	SPK: -40
4165-62-2	Phenol-d5	22.859		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.53		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.515		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.491		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.6		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.318		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.375		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.746		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.187		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.127		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.143		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.265		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022411.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.91		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	25.809		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.221		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.908		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102614	7.669				
1146-65-2	Naphthalene-d8	372565	10.422				
15067-26-2	Acenaphthene-d10	277656	14.281				
1517-22-2	Phenanthrene-d10	657963	17.098				
1719-03-5	Chrysene-d12	785216	21.521				
1520-96-3	Perylene-d12	897836	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79	SDG No.:	BP101624
Lab Sample ID:	P4329-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022412.D	1	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	1300		43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7600	E	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	3500	E	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	7900	E	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	5400	E	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1500		31	42.4	170	ug/Kg
78-59-1	Isophorone	6600	E	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	1900		31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7500	E	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4500	E	16	42.4	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	6300	E	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	2300		23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7400	E	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79	SDG No.:	BP101624
Lab Sample ID:	P4329-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022412.D	1	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	9800	E	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	790		32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	4600	E	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	3500		44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	6100	E	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.4	170	ug/Kg
86-73-7	Fluorene	6900	E	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2300		20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	9500	E	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	8900	E	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	1700		29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	1700		25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	6400	E	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	5700	E	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79	SDG No.:	BP101624
Lab Sample ID:	P4329-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022412.D	1	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	4600	E	27	42.4	170	ug/Kg
218-01-9	Chrysene	7000	E	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6700	E	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	E	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3000	E	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.136		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	26.138		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.919		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.645		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.621		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.56		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.072		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.001		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.794		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.564		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.241		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.392		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	32.453		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79	SDG No.:	BP101624
Lab Sample ID:	P4329-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022412.D	1	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.326		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	32.704		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	31.53		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.665		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75835	7.669				
1146-65-2	Naphthalene-d8	291530	10.434				
15067-26-2	Acenaphthene-d10	230248	14.287				
1517-22-2	Phenanthrene-d10	567370	17.092				
1719-03-5	Chrysene-d12	654761	21.533				
1520-96-3	Perylene-d12	792818	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	630	J			8.016	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	200	J			9.675	
000608-93-5	Benzene, pentachloro-	95	J			14.61	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	75	J			14.928	
000643-58-3	1,1-Biphenyl, 2-methyl-	110	J			15.61	
000119-61-9	Benzophenone	510	J			15.657	
000057-10-3	n-Hexadecanoic acid	400	J			18.022	
000084-65-1	9,10-Anthracenedione	170	J			18.563	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	110	J			18.904	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79DL	SDG No.:	BP101624
Lab Sample ID:	P4329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022413.D	5	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.9	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	1300	JD	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7400	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3300	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	7600	D	250	210	850	ug/Kg
67-72-1	Hexachloroethane	5000	D	90	210	850	ug/Kg
98-95-3	Nitrobenzene	1400	D	150	210	850	ug/Kg
78-59-1	Isophorone	6400	D	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	1700	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7300	D	210	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	4100	D	80	210	850	ug/Kg
91-20-3	Naphthalene	120	U	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	5600	D	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	D	240	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	2100	D	110	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6500	D	240	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	D	190	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79DL	SDG No.:	BP101624
Lab Sample ID:	P4329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022413.D	5	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	850	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	8700	D	220	210	850	ug/Kg
208-96-8	Acenaphthylene	740	JD	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	4200	D	140	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2800	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	5400	D	210	210	850	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	850	ug/Kg
86-73-7	Fluorene	6200	D	120	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	D	140	210	850	ug/Kg
118-74-1	Hexachlorobenzene	8500	D	160	210	850	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	7400	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	1600	D	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	1600	D	120	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	6000	D	300	210	850	ug/Kg
206-44-0	Fluoranthene	5600	D	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79DL	SDG No.:	BP101624
Lab Sample ID:	P4329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022413.D	5	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300	D	240	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1500	D	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	4300	D	130	210	850	ug/Kg
218-01-9	Chrysene	6700	D	150	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6400	D	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6000	D	160	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1300	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	150	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2800	D	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950	D	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	850	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.11		15-120		51	SPK: -8
4165-62-2	Phenol-d5	23.495		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.855		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.765		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.675		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.245		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.965		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.305		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.54		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.13		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.73		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.665		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	29.595		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4E79DL	SDG No.:	BP101624
Lab Sample ID:	P4329-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022413.D	5	10/8/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.81		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	29.48		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.035		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.44		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94426	7.663				
1146-65-2	Naphthalene-d8	354345	10.416				
15067-26-2	Acenaphthene-d10	281546	14.286				
1517-22-2	Phenanthrene-d10	674541	17.086				
1719-03-5	Chrysene-d12	748608	21.533				
1520-96-3	Perylene-d12	894710	24.803				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	6900	JD			8.004	
000119-61-9	Benzophenone	460	JD			15.68	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76	SDG No.:	BP101624
Lab Sample ID:	P4284-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022414.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	1800		43	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	9800	E	40	82	330	ug/Kg
95-57-8	2-Chlorophenol	4600	E	23	42.2	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	9700	E	51	42.2	170	ug/Kg
67-72-1	Hexachloroethane	6900	E	18	42.2	170	ug/Kg
98-95-3	Nitrobenzene	2000		31	42.2	170	ug/Kg
78-59-1	Isophorone	8200	E	48	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	2600		31	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	9500	E	43	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	5800	E	16	42.2	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	7900	E	44	42.2	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		49	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	2900	E	23	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	9300	E	49	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		39	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76	SDG No.:	BP101624
Lab Sample ID:	P4284-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022414.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	13000	E	44	42.2	170	ug/Kg
208-96-8	Acenaphthylene	1000		32	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82	330	ug/Kg
83-32-9	Acenaphthene	5900	E	29	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82	330	ug/Kg
100-02-7	4-Nitrophenol	4600		44	82	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	8000	E	43	42.2	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.2	170	ug/Kg
86-73-7	Fluorene	8700	E	25	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2800	E	20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		29	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	12000	E	32	42.2	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82	330	ug/Kg
87-86-5	Pentachlorophenol	12000	E	74	82	330	ug/Kg
85-01-8	Phenanthrene	2200		29	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.2	170	ug/Kg
120-12-7	Anthracene	2200		25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.2	170	ug/Kg
86-74-8	Carbazole	28	U	28	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	8400	E	61	42.2	170	ug/Kg
206-44-0	Fluoranthene	8000	E	54	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76	SDG No.:	BP101624
Lab Sample ID:	P4284-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022414.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3300	E	49	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	2200		83	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	6100	E	27	42.2	170	ug/Kg
218-01-9	Chrysene	9400	E	31	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	9100	E	95	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	8500	E	33	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		32	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		31	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4100	E	28	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		26	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.143		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	33.749		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.47		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.111		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	34.353		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	38.166		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.364		10-120		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	45.145		10-140		113	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.668		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.737		10-145		102	SPK: -40
93951-97-4	Acenaphthylene-d8	40.488		15-120		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.096		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	41.073		20-140		103	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76	SDG No.:	BP101624
Lab Sample ID:	P4284-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022414.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.886		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	42.357		10-150		106	SPK: -40
1718-52-1	Pyrene-d10	43.705		10-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.454		10-140		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72568	7.669				
1146-65-2	Naphthalene-d8	273260	10.428				
15067-26-2	Acenaphthene-d10	210959	14.292				
1517-22-2	Phenanthrene-d10	503041	17.092				
1719-03-5	Chrysene-d12	555809	21.533				
1520-96-3	Perylene-d12	668772	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	630	J			8.016	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	250	J			9.669	
014315-11-8	Benzo[b]thiophene, 4-methyl-	74	J			11.981	
000608-93-5	Benzene, pentachloro-	120	J			14.61	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	98	J			14.928	
000643-58-3	1,1-Biphenyl, 2-methyl-	140	J			15.61	
000119-61-9	Benzophenone	500	J			15.669	
006306-07-6	1-Acenaphthenol	87	J			16.034	
000112-39-0	Hexadecanoic acid, methyl ester	85	J			17.792	
000057-10-3	n-Hexadecanoic acid	480	J			18.022	
000084-65-1	9,10-Anthracenedione	250	J			18.563	
	(DEL) Alkane: Cyclic18.927	83	J			18.927	
E966796	Total Alkanes	83				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76DL	SDG No.:	BP101624
Lab Sample ID:	P4284-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022415.D	5	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.8	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	1600	D	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	9600	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	4300	D	110	210	840	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	9500	D	250	210	840	ug/Kg
67-72-1	Hexachloroethane	6400	D	89	210	840	ug/Kg
98-95-3	Nitrobenzene	1800	D	150	210	840	ug/Kg
78-59-1	Isophorone	8000	D	240	210	840	ug/Kg
88-75-5	2-Nitrophenol	2300	D	150	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	9400	D	210	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	5400	D	79	210	840	ug/Kg
91-20-3	Naphthalene	120	U	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	7400	D	220	210	840	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900	D	240	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	2700	D	110	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8500	D	240	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800	D	190	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76DL	SDG No.:	BP101624
Lab Sample ID:	P4284-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022415.D	5	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	840	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	840	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	12000	D	220	210	840	ug/Kg
208-96-8	Acenaphthylene	970	D	160	210	840	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	5600	D	140	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	4100	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	7400	D	210	210	840	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	840	ug/Kg
86-73-7	Fluorene	8300	D	120	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2700	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000	D	140	210	840	ug/Kg
118-74-1	Hexachlorobenzene	11000	D	160	210	840	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	10000	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	2100	D	140	210	840	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	840	ug/Kg
120-12-7	Anthracene	2100	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	8300	D	300	210	840	ug/Kg
206-44-0	Fluoranthene	7300	D	270	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76DL	SDG No.:	BP101624
Lab Sample ID:	P4284-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022415.D	5	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000	D	240	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	2000	D	420	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	5900	D	130	210	840	ug/Kg
218-01-9	Chrysene	9300	D	150	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8600	D	480	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	8100	D	160	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1800	D	160	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	D	150	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3700	D	140	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	D	130	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.125		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	30.665		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.05		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.525		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	30.53		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	34.94		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.695		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.94		10-140		102	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.3		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.95		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	38.035		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.75		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	39.275		20-140		98	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4E76DL	SDG No.:	BP101624
Lab Sample ID:	P4284-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 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
BP022415.D	5	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.245		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	39.59		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	41.05		10-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.97		10-140		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90892	7.669				
1146-65-2	Naphthalene-d8	329889	10.422				
15067-26-2	Acenaphthene-d10	246752	14.281				
1517-22-2	Phenanthrene-d10	604924	17.075				
1719-03-5	Chrysene-d12	717851	21.521				
1520-96-3	Perylene-d12	880648	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	11000	JD			8.01	
000119-61-9	Benzophenone	460	JD			15.663	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022417.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022417.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022417.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.502		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	22.308		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.623		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.153		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.359		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.972		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	24.989		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.049		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.028		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.867		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.907		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.531		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.554		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.446		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SBLK941	SDG No.:	BP101624
Lab Sample ID:	PB163941BL	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
BP022417.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.904		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	25.12		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.114		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.241		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101870	7.669				
1146-65-2	Naphthalene-d8	383218	10.428				
15067-26-2	Acenaphthene-d10	303079	14.287				
1517-22-2	Phenanthrene-d10	741932	17.087				
1719-03-5	Chrysene-d12	814173	21.51				
1520-96-3	Perylene-d12	922106	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ1	SDG No.:	BP101624
Lab Sample ID:	P4284-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022418.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.1	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.1	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.1	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ1	SDG No.:	BP101624
Lab Sample ID:	P4284-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022418.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.1	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.1	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.1	390	ug/Kg
85-01-8	Phenanthrene	160	J	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	190	J	64	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ1	SDG No.:	BP101624
Lab Sample ID:	P4284-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022418.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	95	J	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	73	J	32	50	200	ug/Kg
218-01-9	Chrysene	77	J	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	J	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.419		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.827	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.986		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.195		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.863		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	2.042	*	10-140		5	SPK: -40
4165-60-0	Nitrobenzene-d5	7.522		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.225		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.221		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.563		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.209		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.002		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.627		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	7.284	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ1	SDG No.:	BP101624
Lab Sample ID:	P4284-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022418.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.121		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	7.066		10-150		18	SPK: -40
1718-52-1	Pyrene-d10	5.78		10-130		14	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.574	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87633	7.664				
1146-65-2	Naphthalene-d8	329172	10.422				
15067-26-2	Acenaphthene-d10	270501	14.281				
1517-22-2	Phenanthrene-d10	630360	17.087				
1719-03-5	Chrysene-d12	750624	21.516				
1520-96-3	Perylene-d12	954801	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000930-68-7	2-Cyclohexen-1-one	1300	J			6.328	
001561-86-0	2-Chlorocyclohexanol	690	J			7.975	
000119-61-9	Benzophenone	99	J			15.669	
000057-10-3	n-Hexadecanoic acid	110	J			18.022	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ3	SDG No.:	BP101624
Lab Sample ID:	P4284-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP022419.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.3	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	49	U	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.3	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.3	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.3	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.3	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ3	SDG No.:	BP101624
Lab Sample ID:	P4284-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP022419.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.3	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	39	U	39	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.3	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.3	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.3	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.3	210	ug/Kg
206-44-0	Fluoranthene	68	J	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ3	SDG No.:	BP101624
Lab Sample ID:	P4284-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP022419.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	J	60	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	52.3	210	ug/Kg
218-01-9	Chrysene	38	U	38	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.543		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	11.342		20-120		28	SPK: -40
4165-62-2	Phenol-d5	14.356		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.065		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.58		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.208		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.673		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.925		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.155		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.288		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.253		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.537		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.299		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	18.141		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ3	SDG No.:	BP101624
Lab Sample ID:	P4284-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BP022419.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.553		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	18.656		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.752		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.231		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107380	7.669				
1146-65-2	Naphthalene-d8	412806	10.428				
15067-26-2	Acenaphthene-d10	327021	14.287				
1517-22-2	Phenanthrene-d10	790739	17.081				
1719-03-5	Chrysene-d12	851383	21.51				
1520-96-3	Perylene-d12	1014308	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.669	
000057-10-3	n-Hexadecanoic acid	170	J			18.028	
1000406-04-8	Pentadecafluorooctanoic acid, octa	100	J			21.186	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ4	SDG No.:	BP101624
Lab Sample ID:	P4284-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022420.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	48	U	48	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.5	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.5	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.5	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51.5	210	ug/Kg
105-60-2	Caprolactam	87	U	87	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ4	SDG No.:	BP101624
Lab Sample ID:	P4284-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022420.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51.5	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.5	210	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51.5	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.5	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.5	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.5	210	ug/Kg
206-44-0	Fluoranthene	65	U	65	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ4	SDG No.:	BP101624
Lab Sample ID:	P4284-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022420.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.5	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.585		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	10.961		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.441		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.242		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.132		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.938		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.521		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.296		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.466		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.039		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.527		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	15.856		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.235		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	16.766		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ4	SDG No.:	BP101624
Lab Sample ID:	P4284-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BP022420.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.612		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	16.98		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.872		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.2		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103170	7.669				
1146-65-2	Naphthalene-d8	389389	10.422				
15067-26-2	Acenaphthene-d10	305243	14.281				
1517-22-2	Phenanthrene-d10	743768	17.081				
1719-03-5	Chrysene-d12	796039	21.516				
1520-96-3	Perylene-d12	953251	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.669	
000057-10-3	n-Hexadecanoic acid	190	J			18.028	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	100	J			21.186	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ5	SDG No.:	BP101624
Lab Sample ID:	P4284-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022421.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	8	81	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51.7	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	73	U	73	100	400	ug/Kg
98-86-2	Acetophenone	49	U	49	100	400	ug/Kg
106-44-5	4-Methylphenol	45	U	45	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	62	51.7	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51.7	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	51.7	210	ug/Kg
78-59-1	Isophorone	58	U	58	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	51.7	210	ug/Kg
105-60-2	Caprolactam	88	U	88	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ5	SDG No.:	BP101624
Lab Sample ID:	P4284-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022421.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	51.7	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	39	U	39	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51.7	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	51.7	210	ug/Kg
86-73-7	Fluorene	30	U	30	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94	U	94	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	51.7	210	ug/Kg
1912-24-9	Atrazine	86	U	86	100	400	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	100	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	51.7	210	ug/Kg
86-74-8	Carbazole	34	U	34	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	74	U	74	51.7	210	ug/Kg
206-44-0	Fluoranthene	66	U	66	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ5	SDG No.:	BP101624
Lab Sample ID:	P4284-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022421.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60	U	60	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	51.7	210	ug/Kg
218-01-9	Chrysene	38	U	38	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.645		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	10.763		20-120		27	SPK: -40
4165-62-2	Phenol-d5	14.715		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.89		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.327		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.198		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.967		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.017		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.779		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.384		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.063		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.475		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.652		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	18.343		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EQ5	SDG No.:	BP101624
Lab Sample ID:	P4284-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022421.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.505		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	18.156		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	18.711		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.968		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99764	7.669				
1146-65-2	Naphthalene-d8	375065	10.428				
15067-26-2	Acenaphthene-d10	298906	14.287				
1517-22-2	Phenanthrene-d10	724393	17.092				
1719-03-5	Chrysene-d12	839424	21.504				
1520-96-3	Perylene-d12	1006696	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.675	
000057-10-3	n-Hexadecanoic acid	230	J			18.034	
015594-90-8	1-Heneicosanol	130	J			21.18	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET2	SDG No.:	BP101624
Lab Sample ID:	P4284-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BP022422.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	14.1	140	ug/Kg
100-52-7	Benzaldehyde	96	U	96	180	700	ug/Kg
110-86-1	Pyridine	70	U	70	350	700	ug/Kg
108-95-2	Phenol	92	U	92	180	700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	85	U	85	180	700	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	90.5	360	ug/Kg
95-48-7	2-Methylphenol	83	U	83	180	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	700	ug/Kg
98-86-2	Acetophenone	85	U	85	180	700	ug/Kg
106-44-5	4-Methylphenol	79	U	79	180	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	90.5	360	ug/Kg
67-72-1	Hexachloroethane	38	U	38	90.5	360	ug/Kg
98-95-3	Nitrobenzene	66	U	66	90.5	360	ug/Kg
78-59-1	Isophorone	100	U	100	90.5	360	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.5	360	ug/Kg
105-67-9	2,4-Dimethylphenol	53	U	53	90.5	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	92	U	92	90.5	360	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	90.5	360	ug/Kg
91-20-3	Naphthalene	53	U	53	90.5	360	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	90.5	700	ug/Kg
87-68-3	Hexachlorobutadiene	94	U	94	90.5	360	ug/Kg
105-60-2	Caprolactam	150	U	150	180	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	90.5	360	ug/Kg
90-12-0	1-Methylnaphthalene	70	U	70	90.5	360	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	90.5	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	180	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	90.5	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	90.5	360	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET2	SDG No.:	BP101624
Lab Sample ID:	P4284-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022422.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	90.5	360	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	90.5	360	ug/Kg
88-74-4	2-Nitroaniline	87	U	87	90.5	360	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	90.5	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	94	U	94	90.5	360	ug/Kg
208-96-8	Acenaphthylene	68	U	68	90.5	360	ug/Kg
99-09-2	3-Nitroaniline	94	U	94	180	700	ug/Kg
83-32-9	Acenaphthene	62	U	62	90.5	360	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	700	ug/Kg
100-02-7	4-Nitrophenol	94	U	94	180	700	ug/Kg
132-64-9	Dibenzofuran	68	U	68	90.5	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	92	U	92	90.5	360	ug/Kg
84-66-2	Diethylphthalate	64	U	64	90.5	360	ug/Kg
86-73-7	Fluorene	53	U	53	90.5	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	43	U	43	90.5	360	ug/Kg
100-01-6	4-Nitroaniline	66	U	66	180	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	180	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	90.5	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	90.5	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62	U	62	90.5	360	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	90.5	360	ug/Kg
1912-24-9	Atrazine	150	U	150	180	700	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	700	ug/Kg
85-01-8	Phenanthrene	180	J	62	90.5	360	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	90.5	360	ug/Kg
120-12-7	Anthracene	53	U	53	90.5	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	90.5	360	ug/Kg
86-74-8	Carbazole	60	U	60	180	700	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	90.5	360	ug/Kg
206-44-0	Fluoranthene	230	J	120	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET2	SDG No.:	BP101624
Lab Sample ID:	P4284-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022422.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	100	90.5	360	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	90.5	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	700	ug/Kg
56-55-3	Benzo(a)anthracene	77	J	58	90.5	360	ug/Kg
218-01-9	Chrysene	92	J	66	90.5	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	90.5	360	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	180	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	70	90.5	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	90.5	360	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	90.5	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	U	66	90.5	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	90.5	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	90.5	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	90.5	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.061		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.477		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.868		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.577		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.695		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.542		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.612		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.517		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.183		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.129		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.665		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.029		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.189		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	19.91		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET2	SDG No.:	BP101624
Lab Sample ID:	P4284-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022422.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.027		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	20.467		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	20.33		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.878		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94846	7.669				
1146-65-2	Naphthalene-d8	357852	10.422				
15067-26-2	Acenaphthene-d10	279364	14.275				
1517-22-2	Phenanthrene-d10	679561	17.098				
1719-03-5	Chrysene-d12	752709	21.516				
1520-96-3	Perylene-d12	902291	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.675	
000057-10-3	n-Hexadecanoic acid	290	J			18.034	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW3	SDG No.:	BP101624
Lab Sample ID:	P4284-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP022423.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	58	U	58	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.7	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.7	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.7	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.7	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.7	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.7	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.7	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.7	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.7	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.7	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	57.7	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	57.7	230	ug/Kg
105-60-2	Caprolactam	98	U	98	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	57.7	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.7	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.7	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	57.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.7	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW3	SDG No.:	BP101624
Lab Sample ID:	P4284-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP022423.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	57.7	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.7	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	57.7	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	57.7	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.7	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.7	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.7	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.7	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.7	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	57.7	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.7	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.7	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	140	J	39	57.7	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	57.7	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.7	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.7	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	57.7	230	ug/Kg
206-44-0	Fluoranthene	200	J	73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW3	SDG No.:	BP101624
Lab Sample ID:	P4284-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022423.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	67	57.7	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.7	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	70	J	37	57.7	230	ug/Kg
218-01-9	Chrysene	76	J	42	57.7	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.7	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	94	J	45	57.7	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	57.7	230	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	57.7	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	57.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.7	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.7	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.976	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	1.725	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	5.167		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.725		10-150		14	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.055		15-120		15	SPK: -40
190780-66-6	4-Methylphenol-d8	2.678	*	10-140		7	SPK: -40
4165-60-0	Nitrobenzene-d5	5.62		10-135		14	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.785		10-120		14	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.621		10-140		14	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.566		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.451		10-145		16	SPK: -40
93951-97-4	Acenaphthylene-d8	5.776	*	15-120		14	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.954		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	6.628	*	20-140		17	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW3	SDG No.:	BP101624
Lab Sample ID:	P4284-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP022423.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.753	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	6.126		10-150		15	SPK: -40
1718-52-1	Pyrene-d10	5.148		10-130		13	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.169	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99841	7.669				
1146-65-2	Naphthalene-d8	384214	10.428				
15067-26-2	Acenaphthene-d10	308460	14.281				
1517-22-2	Phenanthrene-d10	753919	17.075				
1719-03-5	Chrysene-d12	853214	21.504				
1520-96-3	Perylene-d12	1019023	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
002190-48-9	3-Methyl-3-chloro-1-butene	190	J			3.916	
000930-68-7	2-Cyclohexen-1-one	1500	J			6.322	
001561-86-0	2-Chlorocyclohexanol	850	J			7.981	
000057-10-3	n-Hexadecanoic acid	110	J			18.016	
	(DEL) Alkane: Straight-Chain	100	J			23.898	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX6	SDG No.:	BP101624
Lab Sample ID:	P4284-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022424.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.4	140	ug/Kg
100-52-7	Benzaldehyde	91	U	91	170	670	ug/Kg
110-86-1	Pyridine	67	U	67	330	670	ug/Kg
108-95-2	Phenol	87	U	87	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	81	U	81	170	670	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	86.1	340	ug/Kg
95-48-7	2-Methylphenol	79	U	79	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	670	ug/Kg
98-86-2	Acetophenone	81	U	81	170	670	ug/Kg
106-44-5	4-Methylphenol	75	U	75	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	86.1	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	86.1	340	ug/Kg
98-95-3	Nitrobenzene	63	U	63	86.1	340	ug/Kg
78-59-1	Isophorone	97	U	97	86.1	340	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.1	340	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	86.1	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	87	U	87	86.1	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	86.1	340	ug/Kg
91-20-3	Naphthalene	51	U	51	86.1	340	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	86.1	670	ug/Kg
87-68-3	Hexachlorobutadiene	89	U	89	86.1	340	ug/Kg
105-60-2	Caprolactam	150	U	150	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	99	86.1	340	ug/Kg
90-12-0	1-Methylnaphthalene	67	U	67	86.1	340	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	86.1	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	99	U	99	86.1	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	86.1	340	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX6	SDG No.:	BP101624
Lab Sample ID:	P4284-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022424.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	86.1	340	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	86.1	340	ug/Kg
88-74-4	2-Nitroaniline	83	U	83	86.1	340	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	86.1	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	89	U	89	86.1	340	ug/Kg
208-96-8	Acenaphthylene	65	U	65	86.1	340	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	170	670	ug/Kg
83-32-9	Acenaphthene	59	U	59	86.1	340	ug/Kg
51-28-5	2,4-Dinitrophenol	97	U	97	170	670	ug/Kg
100-02-7	4-Nitrophenol	89	U	89	170	670	ug/Kg
132-64-9	Dibenzofuran	65	U	65	86.1	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	87	U	87	86.1	340	ug/Kg
84-66-2	Diethylphthalate	61	U	61	86.1	340	ug/Kg
86-73-7	Fluorene	51	U	51	86.1	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	86.1	340	ug/Kg
100-01-6	4-Nitroaniline	63	U	63	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	67	86.1	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	86.1	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	86.1	340	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	86.1	340	ug/Kg
1912-24-9	Atrazine	140	U	140	170	670	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	670	ug/Kg
85-01-8	Phenanthrene	59	U	59	86.1	340	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	86.1	340	ug/Kg
120-12-7	Anthracene	51	U	51	86.1	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	86.1	340	ug/Kg
86-74-8	Carbazole	57	U	57	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	380		120	86.1	340	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	340	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX6	SDG No.:	BP101624
Lab Sample ID:	P4284-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022424.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	99	U	99	86.1	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	86.1	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	97	U	97	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	86.1	340	ug/Kg
218-01-9	Chrysene	63	U	63	86.1	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	J	190	86.1	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	67	U	67	86.1	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	77	86.1	340	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	86.1	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	U	63	86.1	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	86.1	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86.1	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	86.1	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.282		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	1.325	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.717		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.927		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.782		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	2.399	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	8.063		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.365		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.415		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.801		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.741		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.532		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.314		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.267		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX6	SDG No.:	BP101624
Lab Sample ID:	P4284-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022424.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.603		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	8.651		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	7.184		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.389		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98913	7.669				
1146-65-2	Naphthalene-d8	369478	10.428				
15067-26-2	Acenaphthene-d10	271142	14.281				
1517-22-2	Phenanthrene-d10	653574	17.075				
1719-03-5	Chrysene-d12	746042	21.51				
1520-96-3	Perylene-d12	910469	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
003710-43-8	2,4-Dimethylfuran	250	J			5.652	
000930-68-7	2-Cyclohexen-1-one	2200	J			6.322	
001561-86-0	2-Chlorocyclohexanol	1200	J			7.981	
000057-10-3	n-Hexadecanoic acid	190	J			18.022	
E966796	Total Alkanes	49	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX7	SDG No.:	BP101624
Lab Sample ID:	P4284-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49
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
BP022425.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	12.9	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	84	U	84	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.3	330	ug/Kg
95-48-7	2-Methylphenol	76	U	76	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	78	U	78	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.3	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.3	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.3	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.3	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.3	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.3	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	83.3	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.3	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.3	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.3	650	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83.3	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.3	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.3	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.3	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.3	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	83.3	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX7	SDG No.:	BP101624
Lab Sample ID:	P4284-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49
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
BP022425.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.3	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.3	330	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	83.3	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.3	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83.3	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.3	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	83.3	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83.3	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	83.3	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.3	330	ug/Kg
86-73-7	Fluorene	49	U	49	83.3	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.3	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.3	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.3	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.3	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.3	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	57	U	57	83.3	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.3	330	ug/Kg
120-12-7	Anthracene	49	U	49	83.3	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.3	330	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.3	330	ug/Kg
206-44-0	Fluoranthene	110	U	110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX7	SDG No.:	BP101624
Lab Sample ID:	P4284-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49
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
BP022425.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	96	U	96	83.3	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	83.3	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	53	83.3	330	ug/Kg
218-01-9	Chrysene	61	U	61	83.3	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	83.3	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	65	U	65	83.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	83.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	83.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	U	61	83.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	83.3	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.3	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.3	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.37		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	11.329		20-120		28	SPK: -40
4165-62-2	Phenol-d5	15.637		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.245		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.886		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.683		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.533		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.344		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.071		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.625		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.329		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.403		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.218		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	20.783		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EX7	SDG No.:	BP101624
Lab Sample ID:	P4284-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49
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
BP022425.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.872		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.978		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.554		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.457		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111480	7.669				
1146-65-2	Naphthalene-d8	421532	10.428				
15067-26-2	Acenaphthene-d10	340617	14.275				
1517-22-2	Phenanthrene-d10	857046	17.075				
1719-03-5	Chrysene-d12	955845	21.516				
1520-96-3	Perylene-d12	1152809	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.657	
000057-10-3	n-Hexadecanoic acid	480	J			18.016	
	(DEL) Alkane: Cyclic	190	J			21.192	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EY3	SDG No.:	BP101624
Lab Sample ID:	P4284-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022426.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	78	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.1	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	51	U	51	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.1	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.1	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50	200	ug/Kg
98-95-3	Nitrobenzene	36	U	36	50	200	ug/Kg
78-59-1	Isophorone	56	U	56	50	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EY3	SDG No.:	BP101624
Lab Sample ID:	P4284-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022426.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.1	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	56	U	56	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.1	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50	200	ug/Kg
86-73-7	Fluorene	29	U	29	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.1	390	ug/Kg
85-01-8	Phenanthrene	34	U	34	50	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EY3	SDG No.:	BP101624
Lab Sample ID:	P4284-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022426.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50	200	ug/Kg
218-01-9	Chrysene	36	U	36	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.135		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	9.886		20-120		25	SPK: -40
4165-62-2	Phenol-d5	12.223		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.785		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.179		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.446		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	13.225		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.775		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.549		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.113		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.232		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.158		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.264		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	14.944		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EY3	SDG No.:	BP101624
Lab Sample ID:	P4284-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BP022426.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.801		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	14.845		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	14.868		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.996		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117245	7.669				
1146-65-2	Naphthalene-d8	431629	10.428				
15067-26-2	Acenaphthene-d10	340541	14.281				
1517-22-2	Phenanthrene-d10	877109	17.081				
1719-03-5	Chrysene-d12	1041988	21.51				
1520-96-3	Perylene-d12	1247956	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	86	J			15.663	
000057-10-3	n-Hexadecanoic acid	180	J			18.016	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ9	SDG No.:	BP101624
Lab Sample ID:	P4284-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BP022427.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.8	88	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	56.4	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	80	U	80	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.4	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.4	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.4	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.4	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.4	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.4	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.4	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.4	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.4	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.4	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.4	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.4	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	56.4	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.4	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.4	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ9	SDG No.:	BP101624
Lab Sample ID:	P4284-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BP022427.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.4	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.4	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.4	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.4	230	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56.4	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.4	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.4	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.4	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.4	230	ug/Kg
86-73-7	Fluorene	33	U	33	56.4	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.4	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.4	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.4	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.4	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	38	U	38	56.4	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.4	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.4	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.4	230	ug/Kg
86-74-8	Carbazole	37	U	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.4	230	ug/Kg
206-44-0	Fluoranthene	72	U	72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ9	SDG No.:	BP101624
Lab Sample ID:	P4284-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BP022427.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	U	65	56.4	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	36	U	36	56.4	230	ug/Kg
218-01-9	Chrysene	41	U	41	56.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	56.4	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56.4	230	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	56.4	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	56.4	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56.4	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56.4	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.4	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.883		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	12.432		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.024		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.479		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.591		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.489		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.866		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.711		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.434		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.364		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.284		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.43		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.939		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	19.362		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ9	SDG No.:	BP101624
Lab Sample ID:	P4284-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BP022427.D	1	10/7/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.538		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	19.833		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.854		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.894		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126067	7.669				
1146-65-2	Naphthalene-d8	457106	10.428				
15067-26-2	Acenaphthene-d10	368222	14.28				
1517-22-2	Phenanthrene-d10	895082	17.08				
1719-03-5	Chrysene-d12	1004118	21.515				
1520-96-3	Perylene-d12	1252130	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.657	
000057-10-3	n-Hexadecanoic acid	250	J			18.009	
	(DEL) Alkane: Cyclic	160	J			21.186	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW4	SDG No.:	BP101624
Lab Sample ID:	P4284-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022428.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	240	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.7	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	120	470	ug/Kg
98-86-2	Acetophenone	57	U	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.7	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.7	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.7	240	ug/Kg
78-59-1	Isophorone	69	U	69	60.7	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.7	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.7	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.7	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.7	240	ug/Kg
91-20-3	Naphthalene	36	U	36	60.7	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.7	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.7	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.7	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.7	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.7	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.7	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	60.7	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW4	SDG No.:	BP101624
Lab Sample ID:	P4284-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022428.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.7	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.7	240	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	60.7	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.7	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.7	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	60.7	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.7	240	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	46	U	46	60.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.7	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.7	240	ug/Kg
86-73-7	Fluorene	36	U	36	60.7	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	60.7	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.7	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.7	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	60.7	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	96	J	41	60.7	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.7	240	ug/Kg
120-12-7	Anthracene	36	U	36	60.7	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.7	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.7	240	ug/Kg
206-44-0	Fluoranthene	220	J	77	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW4	SDG No.:	BP101624
Lab Sample ID:	P4284-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022428.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	70	60.7	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.7	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	83	J	39	60.7	240	ug/Kg
218-01-9	Chrysene	95	J	44	60.7	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.7	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	47	60.7	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	60.7	240	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	46	60.7	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	60.7	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	60.7	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60.7	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.7	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.232		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	10.903		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.998		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.491		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.977		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.881		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	14.661		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.702		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.511		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.216		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.696		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.625		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.293		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	16.672		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EW4	SDG No.:	BP101624
Lab Sample ID:	P4284-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022428.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.002		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	17.192		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	17.359		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.985		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122221	7.669				
1146-65-2	Naphthalene-d8	478189	10.422				
15067-26-2	Acenaphthene-d10	390509	14.287				
1517-22-2	Phenanthrene-d10	948716	17.087				
1719-03-5	Chrysene-d12	1063429	21.498				
1520-96-3	Perylene-d12	1239554	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			15.669	
000057-10-3	n-Hexadecanoic acid	230	J			18.022	
	(DEL) Alkane: Straight-Chain	21.175	J			21.175	
	(DEL) Alkane: Cyclic	22.386	J			22.386	
E966796	Total Alkanes	300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ3	SDG No.:	BP101624
Lab Sample ID:	P4284-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.2
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
BP022429.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.7	130	ug/Kg
100-52-7	Benzaldehyde	87	U	87	160	640	ug/Kg
110-86-1	Pyridine	64	U	64	320	640	ug/Kg
108-95-2	Phenol	83	U	83	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	77	U	77	160	640	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	82	330	ug/Kg
95-48-7	2-Methylphenol	75	U	75	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	640	ug/Kg
98-86-2	Acetophenone	94	J	77	160	640	ug/Kg
106-44-5	4-Methylphenol	71	U	71	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	82	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	82	330	ug/Kg
98-95-3	Nitrobenzene	60	U	60	82	330	ug/Kg
78-59-1	Isophorone	93	U	93	82	330	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82	330	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	82	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	83	U	83	82	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	82	330	ug/Kg
91-20-3	Naphthalene	48	U	48	82	330	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	82	640	ug/Kg
87-68-3	Hexachlorobutadiene	85	U	85	82	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95	U	95	82	330	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	82	330	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	82	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95	U	95	82	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	82	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ3	SDG No.:	BP101624
Lab Sample ID:	P4284-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.2
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
BP022429.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	82	330	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	82	330	ug/Kg
88-74-4	2-Nitroaniline	79	U	79	82	330	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	82	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	85	U	85	82	330	ug/Kg
208-96-8	Acenaphthylene	62	U	62	82	330	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	160	640	ug/Kg
83-32-9	Acenaphthene	56	U	56	82	330	ug/Kg
51-28-5	2,4-Dinitrophenol	93	U	93	160	640	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	160	640	ug/Kg
132-64-9	Dibenzofuran	62	U	62	82	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	83	U	83	82	330	ug/Kg
84-66-2	Diethylphthalate	58	U	58	82	330	ug/Kg
86-73-7	Fluorene	48	U	48	82	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	82	330	ug/Kg
100-01-6	4-Nitroaniline	60	U	60	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	82	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	82	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	82	330	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	82	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	640	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	640	ug/Kg
85-01-8	Phenanthrene	330		56	82	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	82	330	ug/Kg
120-12-7	Anthracene	66	J	48	82	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	97	U	97	82	330	ug/Kg
86-74-8	Carbazole	54	U	54	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	82	330	ug/Kg
206-44-0	Fluoranthene	870		100	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ3	SDG No.:	BP101624
Lab Sample ID:	P4284-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.2
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
BP022429.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	470		95	82	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	82	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	93	U	93	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	330		52	82	330	ug/Kg
218-01-9	Chrysene	450		60	82	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	190	82	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	630		64	82	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	73	82	330	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	62	82	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	60	82	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	77	J	54	82	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	82	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	82	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.267		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	1.381	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	6.896		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.999		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.035		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	4.997		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	8.25		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.974		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.377		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.621		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.146		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.073		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.565		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	9.496		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ3	SDG No.:	BP101624
Lab Sample ID:	P4284-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.2
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
BP022429.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.235		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	9.498		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	7.541		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.473		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116095	7.669				
1146-65-2	Naphthalene-d8	452095	10.422				
15067-26-2	Acenaphthene-d10	344148	14.275				
1517-22-2	Phenanthrene-d10	808794	17.081				
1719-03-5	Chrysene-d12	829752	21.516				
1520-96-3	Perylene-d12	998084	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000930-68-7	2-Cyclohexen-1-one	2000	J			6.328	
001561-86-0	2-Chlorocyclohexanol	1100	J			7.981	
000087-44-5	Caryophyllene	140	J			13.592	
000057-10-3	n-Hexadecanoic acid	500	J			18.022	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	260	J			21.186	
	(DEL) Alkane: Straight-Chain23.927	320	J			23.927	
000557-61-9	Octacosanol	490	J			23.992	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG5	SDG No.:	BP101624
Lab Sample ID:	P4329-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022430.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	80	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.9	400	ug/Kg
110-86-1	Pyridine	40	U	40	200	400	ug/Kg
108-95-2	Phenol	52	U	52	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	51	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.9	400	ug/Kg
98-86-2	Acetophenone	48	U	48	98.9	400	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	51	200	ug/Kg
67-72-1	Hexachloroethane	22	U	22	51	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	51	200	ug/Kg
78-59-1	Isophorone	58	U	58	51	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	51	200	ug/Kg
91-20-3	Naphthalene	30	U	30	51	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	51	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	59	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	40	U	40	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	28	U	28	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG5	SDG No.:	BP101624
Lab Sample ID:	P4329-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022430.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	51	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	51	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	51	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	51	200	ug/Kg
99-09-2	3-Nitroaniline	53	U	53	98.9	400	ug/Kg
83-32-9	Acenaphthene	35	U	35	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	58	U	58	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.9	400	ug/Kg
132-64-9	Dibenzofuran	38	U	38	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	51	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	51	200	ug/Kg
86-73-7	Fluorene	30	U	30	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	40	U	40	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	51	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	51	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	89	U	89	98.9	400	ug/Kg
85-01-8	Phenanthrene	35	U	35	51	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	51	200	ug/Kg
86-74-8	Carbazole	34	U	34	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	51	200	ug/Kg
206-44-0	Fluoranthene	65	U	65	98.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG5	SDG No.:	BP101624
Lab Sample ID:	P4329-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022430.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	U	59	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	51	200	ug/Kg
218-01-9	Chrysene	37	U	37	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.254		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	10.959		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.323		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.112		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.628		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.417		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	15.603		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.746		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.81		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.279		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.129		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.701		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.132		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	17.439		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG5	SDG No.:	BP101624
Lab Sample ID:	P4329-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022430.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.274		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.62		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.556		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.909		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144035	7.669				
1146-65-2	Naphthalene-d8	538508	10.422				
15067-26-2	Acenaphthene-d10	440436	14.275				
1517-22-2	Phenanthrene-d10	1069628	17.081				
1719-03-5	Chrysene-d12	1095084	21.504				
1520-96-3	Perylene-d12	1318351	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.657	
000057-10-3	n-Hexadecanoic acid	170	J			18.01	
	(DEL) Alkane: Straight-Chain	21.175	J			21.175	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SLCS941	SDG No.:	BP101624
Lab Sample ID:	PB163941BS	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
BP022431.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	860		45	82.5	330	ug/Kg
110-86-1	Pyridine	720		33	170	330	ug/Kg
108-95-2	Phenol	830		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	890		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	820		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		60	82.5	330	ug/Kg
98-86-2	Acetophenone	820		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	830		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	820		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	880		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	740		31	42.5	170	ug/Kg
78-59-1	Isophorone	750		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	800		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	650		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	780		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	920		16	42.5	170	ug/Kg
91-20-3	Naphthalene	850		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	670		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	950		44	42.5	170	ug/Kg
105-60-2	Caprolactam	810		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	840		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	870		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	880		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SLCS941	SDG No.:	BP101624
Lab Sample ID:	PB163941BS	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
BP022431.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	850		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	860		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	780		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	850		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	930		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	860		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	870		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	830		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	760		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	780		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	860		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	900		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	840		30	42.5	170	ug/Kg
86-73-7	Fluorene	860		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	880		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	940		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	830		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	860		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	910		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	920		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	660		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	860		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	840		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	880		52	42.5	170	ug/Kg
120-12-7	Anthracene	840		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	890		50	42.5	170	ug/Kg
86-74-8	Carbazole	840		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	870		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	910		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SLCS941	SDG No.:	BP101624
Lab Sample ID:	PB163941BS	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
BP022431.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	860		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	860		27	42.5	170	ug/Kg
218-01-9	Chrysene	860		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	840		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	830		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	830		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	870		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.585		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	22.507		20-120		56	SPK: -40
4165-62-2	Phenol-d5	24.891		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.186		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.507		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.185		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	23.93		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.821		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.634		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.56		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.837		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.004		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.178		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.857		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	SLCS941	SDG No.:	BP101624
Lab Sample ID:	PB163941BS	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
BP022431.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.603		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	25.739		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.903		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.525		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114002	7.669				
1146-65-2	Naphthalene-d8	484982	10.428				
15067-26-2	Acenaphthene-d10	380264	14.281				
1517-22-2	Phenanthrene-d10	923912	17.075				
1719-03-5	Chrysene-d12	1010538	21.51				
1520-96-3	Perylene-d12	1214950	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	SBLK982	SDG No.:	BP101624
Lab Sample ID:	PB163982BL	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
BP022433.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	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)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	SBLK982	SDG No.:	BP101624
Lab Sample ID:	PB163982BL	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
BP022433.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	SBLK982	SDG No.:	BP101624
Lab Sample ID:	PB163982BL	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
BP022433.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.543		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	22.12		20-120		55	SPK: -40
4165-62-2	Phenol-d5	22.088		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.785		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.359		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.243		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.279		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.624		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.441		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.867		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.952		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.042		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.243		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.509		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	SBLK982	SDG No.:	BP101624
Lab Sample ID:	PB163982BL	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
BP022433.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.649		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	24.668		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.054		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.479		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103682	7.663				
1146-65-2	Naphthalene-d8	381648	10.422				
15067-26-2	Acenaphthene-d10	290146	14.287				
1517-22-2	Phenanthrene-d10	715590	17.075				
1719-03-5	Chrysene-d12	819414	21.51				
1520-96-3	Perylene-d12	902806	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ4	SDG No.:	BP101624
Lab Sample ID:	P4284-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022434.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.5	130	ug/Kg
100-52-7	Benzaldehyde	85	U	85	160	630	ug/Kg
110-86-1	Pyridine	63	U	63	310	630	ug/Kg
108-95-2	Phenol	82	U	82	160	630	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	160	630	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	80.7	320	ug/Kg
95-48-7	2-Methylphenol	74	U	74	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	630	ug/Kg
98-86-2	Acetophenone	76	U	76	160	630	ug/Kg
106-44-5	4-Methylphenol	70	U	70	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	80.7	320	ug/Kg
67-72-1	Hexachloroethane	34	U	34	80.7	320	ug/Kg
98-95-3	Nitrobenzene	59	U	59	80.7	320	ug/Kg
78-59-1	Isophorone	91	U	91	80.7	320	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	80.7	320	ug/Kg
105-67-9	2,4-Dimethylphenol	47	U	47	80.7	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	82	U	82	80.7	320	ug/Kg
120-83-2	2,4-Dichlorophenol	30	U	30	80.7	320	ug/Kg
91-20-3	Naphthalene	47	U	47	80.7	320	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	80.7	630	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	80.7	320	ug/Kg
105-60-2	Caprolactam	140	U	140	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	80.7	320	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	80.7	320	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	80.7	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93	U	93	80.7	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	80.7	320	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ4	SDG No.:	BP101624
Lab Sample ID:	P4284-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022434.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	80.7	320	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	80.7	320	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	80.7	320	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	80.7	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	84	U	84	80.7	320	ug/Kg
208-96-8	Acenaphthylene	61	U	61	80.7	320	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	160	630	ug/Kg
83-32-9	Acenaphthene	55	U	55	80.7	320	ug/Kg
51-28-5	2,4-Dinitrophenol	91	U	91	160	630	ug/Kg
100-02-7	4-Nitrophenol	84	U	84	160	630	ug/Kg
132-64-9	Dibenzofuran	61	U	61	80.7	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	82	U	82	80.7	320	ug/Kg
84-66-2	Diethylphthalate	57	U	57	80.7	320	ug/Kg
86-73-7	Fluorene	47	U	47	80.7	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	80.7	320	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	80.7	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	80.7	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	80.7	320	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	80.7	320	ug/Kg
1912-24-9	Atrazine	130	U	130	160	630	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	630	ug/Kg
85-01-8	Phenanthrene	55	U	55	80.7	320	ug/Kg
608-93-5	Pentachlorobenzene	99	U	99	80.7	320	ug/Kg
120-12-7	Anthracene	47	U	47	80.7	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	95	U	95	80.7	320	ug/Kg
86-74-8	Carbazole	53	U	53	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	80.7	320	ug/Kg
206-44-0	Fluoranthene	110	J	100	160	320	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ4	SDG No.:	BP101624
Lab Sample ID:	P4284-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022434.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	93	80.7	320	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	80.7	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91	U	91	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	80.7	320	ug/Kg
218-01-9	Chrysene	78	J	59	80.7	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	80.7	320	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	J	63	80.7	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	72	U	72	80.7	320	ug/Kg
50-32-8	Benzo(a)pyrene	64	J	61	80.7	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	80.7	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	80.7	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	80.7	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	80.7	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.476		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.259		20-120		28	SPK: -40
4165-62-2	Phenol-d5	15.633		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.697		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.947		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.888		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.906		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.886		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.895		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.316		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.343		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.299		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.308		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	20.181		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4EZ4	SDG No.:	BP101624
Lab Sample ID:	P4284-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022434.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.688		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.265		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	20.384		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.248		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126578	7.663				
1146-65-2	Naphthalene-d8	480920	10.422				
15067-26-2	Acenaphthene-d10	374871	14.28				
1517-22-2	Phenanthrene-d10	887985	17.08				
1719-03-5	Chrysene-d12	1001077	21.521				
1520-96-3	Perylene-d12	1224420	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	210	J			15.657	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	240	J			17.704	
000057-10-3	n-Hexadecanoic acid	450	J			18.015	
036559-22-5	1,1-Biphenyl, 2,2,3,4-tetrachlo	180	J			18.198	
041464-41-9	1,1-Biphenyl, 2,2,5,6-Tetrachlo	150	J			18.486	
000057-11-4	Octadecanoic acid	130	J			19.357	
	(DEL) Alkane: Straight-Chain21.192	230	J			21.192	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET1	SDG No.:	BP101624
Lab Sample ID:	P4284-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022435.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	10.9	110	ug/Kg
100-52-7	Benzaldehyde	74	U	74	140	550	ug/Kg
110-86-1	Pyridine	55	U	55	270	550	ug/Kg
108-95-2	Phenol	71	U	71	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	66	U	66	140	550	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	70.2	280	ug/Kg
95-48-7	2-Methylphenol	64	U	64	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99	U	99	140	550	ug/Kg
98-86-2	Acetophenone	87	J	66	140	550	ug/Kg
106-44-5	4-Methylphenol	61	U	61	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	70.2	280	ug/Kg
67-72-1	Hexachloroethane	30	U	30	70.2	280	ug/Kg
98-95-3	Nitrobenzene	51	U	51	70.2	280	ug/Kg
78-59-1	Isophorone	79	U	79	70.2	280	ug/Kg
88-75-5	2-Nitrophenol	51	U	51	70.2	280	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	70.2	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	71	U	71	70.2	280	ug/Kg
120-83-2	2,4-Dichlorophenol	26	U	26	70.2	280	ug/Kg
91-20-3	Naphthalene	94	J	41	70.2	280	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	70.2	550	ug/Kg
87-68-3	Hexachlorobutadiene	73	U	73	70.2	280	ug/Kg
105-60-2	Caprolactam	120	U	120	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81	U	81	70.2	280	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	70.2	280	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	70.2	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81	U	81	70.2	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	70.2	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET1	SDG No.:	BP101624
Lab Sample ID:	P4284-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022435.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	70.2	280	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	70.2	280	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	70.2	280	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	70.2	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	73	U	73	70.2	280	ug/Kg
208-96-8	Acenaphthylene	53	U	53	70.2	280	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	140	550	ug/Kg
83-32-9	Acenaphthene	210	J	48	70.2	280	ug/Kg
51-28-5	2,4-Dinitrophenol	79	U	79	140	550	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	140	550	ug/Kg
132-64-9	Dibenzofuran	96	J	53	70.2	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	71	U	71	70.2	280	ug/Kg
84-66-2	Diethylphthalate	50	U	50	70.2	280	ug/Kg
86-73-7	Fluorene	190	J	41	70.2	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	70.2	280	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	70.2	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	70.2	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	70.2	280	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	70.2	280	ug/Kg
1912-24-9	Atrazine	120	U	120	140	550	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	550	ug/Kg
85-01-8	Phenanthrene	1700		48	70.2	280	ug/Kg
608-93-5	Pentachlorobenzene	86	U	86	70.2	280	ug/Kg
120-12-7	Anthracene	360		41	70.2	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	83	U	83	70.2	280	ug/Kg
86-74-8	Carbazole	150	J	46	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	70.2	280	ug/Kg
206-44-0	Fluoranthene	2100		89	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET1	SDG No.:	BP101624
Lab Sample ID:	P4284-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022435.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		81	70.2	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	70.2	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	79	U	79	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	690		45	70.2	280	ug/Kg
218-01-9	Chrysene	680		51	70.2	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	70.2	280	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		55	70.2	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		63	70.2	280	ug/Kg
50-32-8	Benzo(a)pyrene	230	J	53	70.2	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	51	70.2	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97	J	46	70.2	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	70.2	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	70.2	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.034	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	1.445	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	6.434		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.072		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.713		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	2.42	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	7.727		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.014		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.394		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.736		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.02		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	7.7		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.738		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	8.387		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	A4ET1	SDG No.:	BP101624
Lab Sample ID:	P4284-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BP022435.D	1	10/7/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163941

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.6		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	7.796		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	6.636		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.987		10-140		10	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136380	7.669				
1146-65-2	Naphthalene-d8	529652	10.428				
15067-26-2	Acenaphthene-d10	440703	14.281				
1517-22-2	Phenanthrene-d10	1082507	17.087				
1719-03-5	Chrysene-d12	1097240	21.504				
1520-96-3	Perylene-d12	1322773	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
002190-48-9	3-Methyl-3-chloro-1-butene	240	J			3.917	
003710-43-8	2,4-Dimethylfuran	220	J			5.652	
000930-68-7	2-Cyclohexen-1-one	2000	J			6.328	
001561-86-0	2-Chlorocyclohexanol	1000	J			7.981	
000119-61-9	Benzophenone	170	J			15.663	
002531-84-2	Phenanthrene, 2-methyl-	120	J			17.975	
000832-69-9	Phenanthrene, 1-methyl-	290	J			18.022	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.51	
000243-17-4	11H-Benzo[b]fluorene	190	J			20.104	
000238-84-6	11H-Benzo[a]fluorene	110	J			20.21	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	170	J			21.08	
E966796	Total Alkanes	40	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4FB6	SDG No.:	BP101624
Lab Sample ID:	P4329-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BP022436.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.9	79	ug/Kg
100-52-7	Benzaldehyde	54	U	54	98.3	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	98.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	98.3	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.7	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	72	U	72	98.3	390	ug/Kg
98-86-2	Acetophenone	51	J	48	98.3	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	98.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	61	50.7	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.7	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.7	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.7	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	29	U	29	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.7	200	ug/Kg
105-60-2	Caprolactam	86	U	86	98.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	98.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4FB6	SDG No.:	BP101624
Lab Sample ID:	P4329-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BP022436.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.7	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	98.3	390	ug/Kg
83-32-9	Acenaphthene	35	U	35	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	98.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.3	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.7	200	ug/Kg
84-66-2	Diethylphthalate	36	U	36	50.7	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	98.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	U	92	98.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29	U	29	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.7	200	ug/Kg
1912-24-9	Atrazine	85	U	85	98.3	390	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	98.3	390	ug/Kg
85-01-8	Phenanthrene	35	U	35	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	50.7	200	ug/Kg
86-74-8	Carbazole	33	U	33	98.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	50.7	200	ug/Kg
206-44-0	Fluoranthene	82	J	64	98.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4FB6	SDG No.:	BP101624
Lab Sample ID:	P4329-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BP022436.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	58	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	98.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.7	200	ug/Kg
218-01-9	Chrysene	37	U	37	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	98.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	J	39	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.431		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	1.23	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	8.833		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.423		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.982		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	4.966		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	10.651		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.765		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.165		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.315		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.046		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	10.453		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.112		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	11.122		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	A4FB6	SDG No.:	BP101624
Lab Sample ID:	P4329-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BP022436.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.537		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	11.12		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	8.414		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.994		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142461	7.663				
1146-65-2	Naphthalene-d8	521874	10.422				
15067-26-2	Acenaphthene-d10	398943	14.281				
1517-22-2	Phenanthrene-d10	950041	17.081				
1719-03-5	Chrysene-d12	1033314	21.51				
1520-96-3	Perylene-d12	1196250	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000930-68-7	2-Cyclohexen-1-one	400	J			6.328	
001561-86-0	2-Chlorocyclohexanol	210	J			7.975	
000119-61-9	Benzophenone	190	J			15.663	
000057-10-3	n-Hexadecanoic acid	150	J			18.016	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG8	SDG No.:	BP101624
Lab Sample ID:	P4329-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022437.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	14.7	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	740	ug/Kg
110-86-1	Pyridine	74	U	74	370	740	ug/Kg
108-95-2	Phenol	96	U	96	180	740	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	89	U	89	180	740	ug/Kg
95-57-8	2-Chlorophenol	51	U	51	95	380	ug/Kg
95-48-7	2-Methylphenol	87	U	87	180	740	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	740	ug/Kg
98-86-2	Acetophenone	89	U	89	180	740	ug/Kg
106-44-5	4-Methylphenol	83	U	83	180	740	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	95	380	ug/Kg
67-72-1	Hexachloroethane	40	U	40	95	380	ug/Kg
98-95-3	Nitrobenzene	69	U	69	95	380	ug/Kg
78-59-1	Isophorone	110	U	110	95	380	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	95	380	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	95	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	96	U	96	95	380	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	95	380	ug/Kg
91-20-3	Naphthalene	56	U	56	95	380	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	95	740	ug/Kg
87-68-3	Hexachlorobutadiene	98	U	98	95	380	ug/Kg
105-60-2	Caprolactam	160	U	160	180	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	95	380	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	95	380	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	95	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	95	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87	U	87	95	380	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG8	SDG No.:	BP101624
Lab Sample ID:	P4329-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022437.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	95	380	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	95	380	ug/Kg
88-74-4	2-Nitroaniline	92	U	92	95	380	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	95	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	98	U	98	95	380	ug/Kg
208-96-8	Acenaphthylene	72	U	72	95	380	ug/Kg
99-09-2	3-Nitroaniline	98	U	98	180	740	ug/Kg
83-32-9	Acenaphthene	65	U	65	95	380	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	180	740	ug/Kg
100-02-7	4-Nitrophenol	98	U	98	180	740	ug/Kg
132-64-9	Dibenzofuran	72	U	72	95	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96	U	96	95	380	ug/Kg
84-66-2	Diethylphthalate	67	U	67	95	380	ug/Kg
86-73-7	Fluorene	56	U	56	95	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45	U	45	95	380	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	180	740	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	740	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	95	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	95	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	95	380	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	95	380	ug/Kg
1912-24-9	Atrazine	160	U	160	180	740	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	180	740	ug/Kg
85-01-8	Phenanthrene	65	U	65	95	380	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	95	380	ug/Kg
120-12-7	Anthracene	56	U	56	95	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	95	380	ug/Kg
86-74-8	Carbazole	63	U	63	180	740	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	95	380	ug/Kg
206-44-0	Fluoranthene	120	U	120	180	380	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG8	SDG No.:	BP101624
Lab Sample ID:	P4329-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022437.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	95	380	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	95	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	740	ug/Kg
56-55-3	Benzo(a)anthracene	60	U	60	95	380	ug/Kg
218-01-9	Chrysene	69	U	69	95	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	95	380	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	180	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	74	U	74	95	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	U	85	95	380	ug/Kg
50-32-8	Benzo(a)pyrene	72	U	72	95	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69	U	69	95	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	95	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	95	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	95	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.945		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.557		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.561		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.359		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.966		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.354		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.489		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.622		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.319		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.839		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.417		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.531		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.097		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	20.924		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG8	SDG No.:	BP101624
Lab Sample ID:	P4329-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022437.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.024		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.988		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	22.579		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.188		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119934	7.669				
1146-65-2	Naphthalene-d8	436419	10.422				
15067-26-2	Acenaphthene-d10	327670	14.281				
1517-22-2	Phenanthrene-d10	745567	17.075				
1719-03-5	Chrysene-d12	807248	21.51				
1520-96-3	Perylene-d12	956860	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	470	J			15.657	
000057-10-3	n-Hexadecanoic acid	400	J			18.01	
	(DEL) Alkane: Straight-Chain	21.186	J			21.186	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EN5	SDG No.:	BP101624
Lab Sample ID:	P4329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022438.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.3	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.3	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.3	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.3	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.3	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.3	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EN5	SDG No.:	BP101624
Lab Sample ID:	P4329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022438.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.3	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.3	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.3	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.3	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	36	U	36	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.3	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	77	U	77	53.3	210	ug/Kg
206-44-0	Fluoranthene	68	U	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EN5	SDG No.:	BP101624
Lab Sample ID:	P4329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022438.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	53.3	210	ug/Kg
218-01-9	Chrysene	39	U	39	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.631		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	12.854		20-120		32	SPK: -40
4165-62-2	Phenol-d5	15.283		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.453		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.344		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.497		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.027		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.747		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.135		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.443		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.341		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.289		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.047		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	18.542		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EN5	SDG No.:	BP101624
Lab Sample ID:	P4329-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BP022438.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.389		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	18.842		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.788		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.634		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119056	7.669				
1146-65-2	Naphthalene-d8	451433	10.422				
15067-26-2	Acenaphthene-d10	355687	14.281				
1517-22-2	Phenanthrene-d10	858152	17.092				
1719-03-5	Chrysene-d12	861041	21.521				
1520-96-3	Perylene-d12	999721	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.669	
000057-10-3	n-Hexadecanoic acid	180	J			18.028	
015594-90-8	1-Heneicosanol	120	J			21.18	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG4	SDG No.:	BP101624
Lab Sample ID:	P4329-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.1
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
BP022439.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	16.5	170	ug/Kg
100-52-7	Benzaldehyde	110	U	110	210	830	ug/Kg
110-86-1	Pyridine	83	U	83	410	830	ug/Kg
108-95-2	Phenol	110	U	110	210	830	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	210	830	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	110	430	ug/Kg
95-48-7	2-Methylphenol	98	U	98	210	830	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	210	830	ug/Kg
98-86-2	Acetophenone	100	U	100	210	830	ug/Kg
106-44-5	4-Methylphenol	93	U	93	210	830	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	430	ug/Kg
67-72-1	Hexachloroethane	45	U	45	110	430	ug/Kg
98-95-3	Nitrobenzene	78	U	78	110	430	ug/Kg
78-59-1	Isophorone	120	U	120	110	430	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	63	U	63	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	110	430	ug/Kg
91-20-3	Naphthalene	63	U	63	110	430	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	110	830	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	110	430	ug/Kg
105-60-2	Caprolactam	180	U	180	210	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98	U	98	110	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG4	SDG No.:	BP101624
Lab Sample ID:	P4329-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.1
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
BP022439.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	65	U	65	110	430	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	110	430	ug/Kg
131-11-3	Dimethylphthalate	73	U	73	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	110	430	ug/Kg
208-96-8	Acenaphthylene	80	U	80	110	430	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	210	830	ug/Kg
83-32-9	Acenaphthene	73	U	73	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	210	830	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	830	ug/Kg
132-64-9	Dibenzofuran	80	U	80	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	430	ug/Kg
84-66-2	Diethylphthalate	75	U	75	110	430	ug/Kg
86-73-7	Fluorene	63	U	63	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	110	430	ug/Kg
100-01-6	4-Nitroaniline	78	U	78	210	830	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	210	830	ug/Kg
86-30-6	N-Nitrosodiphenylamine	83	U	83	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	73	U	73	110	430	ug/Kg
118-74-1	Hexachlorobenzene	80	U	80	110	430	ug/Kg
1912-24-9	Atrazine	180	U	180	210	830	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	210	830	ug/Kg
85-01-8	Phenanthrene	73	U	73	110	430	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	430	ug/Kg
120-12-7	Anthracene	63	U	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	430	ug/Kg
86-74-8	Carbazole	70	U	70	210	830	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	110	430	ug/Kg
206-44-0	Fluoranthene	140	U	140	210	430	ug/Kg

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG4	SDG No.:	BP101624
Lab Sample ID:	P4329-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.1
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
BP022439.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	U	120	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	210	830	ug/Kg
56-55-3	Benzo(a)anthracene	68	U	68	110	430	ug/Kg
218-01-9	Chrysene	78	U	78	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	U	240	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	210	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	83	U	83	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	U	95	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	80	U	80	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	U	70	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83	U	83	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.217		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	10.896		20-120		27	SPK: -40
4165-62-2	Phenol-d5	12.875		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.568		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.285		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	13.351		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	14.56		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.627		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.27		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.789		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.449		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.433		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.904		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	16.179		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	10/4/2024 12:00:00 AM
Project:		Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	A4EG4	SDG No.:	BP101624
Lab Sample ID:	P4329-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.1
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
BP022439.D	1	10/8/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB163982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.808		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	17.009		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	16.971		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.053		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130542	7.664				
1146-65-2	Naphthalene-d8	475188	10.422				
15067-26-2	Acenaphthene-d10	385111	14.281				
1517-22-2	Phenanthrene-d10	903193	17.081				
1719-03-5	Chrysene-d12	1002373	21.504				
1520-96-3	Perylene-d12	1218314	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.663	
000057-10-3	n-Hexadecanoic acid	280	J			18.022	
	(DEL) Alkane: Straight-Chain	21.180	J			21.18	
E966796	Total Alkanes	180				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4EQ1								
P4284-01	A4EQ1	Solid	2-Chlorocyclohexanol	*	690.000	J		
P4284-01	A4EQ1	Solid	2-Cyclohexen-1-one	*	1,300.000	J		
P4284-01	A4EQ1	Solid	Benzophenone	*	99.000	J		
P4284-01	A4EQ1	Solid	n-Hexadecanoic acid	*	110.000	J		
P4284-01	A4EQ1	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				2,199.00				
P4284-01	A4EQ1	Solid	Benzo(a)anthracene		73.000	J 32	200	ug/Kg
P4284-01	A4EQ1	Solid	Benzo(b)fluoranthene		89.000	J 39	200	ug/Kg
P4284-01	A4EQ1	Solid	Chrysene		77.000	J 36	200	ug/Kg
P4284-01	A4EQ1	Solid	Fluoranthene		190.000	J 64	200	ug/Kg
P4284-01	A4EQ1	Solid	Phenanthrene		160.000	J 34	200	ug/Kg
P4284-01	A4EQ1	Solid	Pyrene		95.000	J 58	200	ug/Kg
Total Svoc :				684.00				
Total Concentration:				2,883.00				
Client ID : A4EQ3								
P4284-02	A4EQ3	Solid	Benzophenone	*	210.000	J		
P4284-02	A4EQ3	Solid	n-Hexadecanoic acid	*	170.000	J		
P4284-02	A4EQ3	Solid	Pentadecafluorooctanoic acid, oct:	*	100.000	J		
P4284-02	A4EQ3	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				480.00				
P4284-02	A4EQ3	Solid	Fluoranthene		68.000	J 66	210	ug/Kg
P4284-02	A4EQ3	Solid	Pyrene		60.000	J 60	210	ug/Kg
Total Svoc :				128.00				
Total Concentration:				608.00				
Client ID : A4EQ4								
P4284-03	A4EQ4	Solid	Benzophenone	*	210.000	J		
P4284-03	A4EQ4	Solid	Ethanol, 2-(tetradecyloxy)-	*	100.000	J		
P4284-03	A4EQ4	Solid	n-Hexadecanoic acid	*	190.000	J		
P4284-03	A4EQ4	Solid	Total Alkanes	*	0.000	29	210	ug/Kg
Total Tics :				500.00				
Total Concentration:				500.00				
Client ID : A4EQ5								
P4284-04	A4EQ5	Solid	1-Heneicosanol	*	130.000	J		
P4284-04	A4EQ5	Solid	Benzophenone	*	230.000	J		
P4284-04	A4EQ5	Solid	n-Hexadecanoic acid	*	230.000	J		
P4284-04	A4EQ5	Solid	Total Alkanes	*	0.000	29	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	590.00				
			Total Concentration:	590.00				
Client ID : A4E76								
P4284-09	A4E76	Solid	(DEL) Alkane: Cyclic18.927	*	83.000	J		
P4284-09	A4E76	Solid	1,1-Biphenyl, 2-methyl-	*	140.000	J		
P4284-09	A4E76	Solid	1-Acenaphthenol	*	87.000	J		
P4284-09	A4E76	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	250.000	J		
P4284-09	A4E76	Solid	9,10-Anthracenedione	*	250.000	J		
P4284-09	A4E76	Solid	Benzene, 1,2-dichloro-	*	630.000	J		
P4284-09	A4E76	Solid	Benzene, pentachloro-	*	120.000	J		
P4284-09	A4E76	Solid	Benzo[b]thiophene, 4-methyl-	*	74.000	J		
P4284-09	A4E76	Solid	Benzophenone	*	500.000	J		
P4284-09	A4E76	Solid	Hexadecanoic acid, methyl ester	*	85.000	J		
P4284-09	A4E76	Solid	n-Hexadecanoic acid	*	480.000	J		
P4284-09	A4E76	Solid	Phenol, 2,3,5,6-tetrachloro-	*	98.000	J		
P4284-09	A4E76	Solid	Total Alkanes	*	83.000	24	170	ug/Kg
			Total Tics :	2,880.00				
P4284-09	A4E76	Solid	2,4,5-Trichlorophenol		2,100.000	39	170	ug/Kg
P4284-09	A4E76	Solid	2,4,6-Trichlorophenol		9,300.000	E 49	170	ug/Kg
P4284-09	A4E76	Solid	2,4-Dichlorophenol		5,800.000	E 16	170	ug/Kg
P4284-09	A4E76	Solid	2,4-Dinitrotoluene		8,000.000	E 43	170	ug/Kg
P4284-09	A4E76	Solid	2,6-Dinitrotoluene		13,000.000	E 44	170	ug/Kg
P4284-09	A4E76	Solid	2-Chlorophenol		4,600.000	E 23	170	ug/Kg
P4284-09	A4E76	Solid	2-Methylnaphthalene		2,900.000	E 23	170	ug/Kg
P4284-09	A4E76	Solid	2-Nitrophenol		2,600.000	31	170	ug/Kg
P4284-09	A4E76	Solid	4-Bromophenyl-phenylether		2,200.000	29	170	ug/Kg
P4284-09	A4E76	Solid	4-Chloro-3-methylphenol		2,200.000	49	170	ug/Kg
P4284-09	A4E76	Solid	4-Chlorophenyl-phenylether		2,800.000	E 20	170	ug/Kg
P4284-09	A4E76	Solid	4-Nitrophenol		4,600.000	44	330	ug/Kg
P4284-09	A4E76	Solid	Acenaphthene		5,900.000	E 29	170	ug/Kg
P4284-09	A4E76	Solid	Acenaphthylene		1,000.000	32	170	ug/Kg
P4284-09	A4E76	Solid	Anthracene		2,200.000	25	170	ug/Kg
P4284-09	A4E76	Solid	Benzo(a)anthracene		6,100.000	E 27	170	ug/Kg
P4284-09	A4E76	Solid	Benzo(a)pyrene		1,900.000	32	170	ug/Kg
P4284-09	A4E76	Solid	Benzo(b)fluoranthene		8,500.000	E 33	170	ug/Kg
P4284-09	A4E76	Solid	Benzo(g,h,i)perylene		1,400.000	26	170	ug/Kg
P4284-09	A4E76	Solid	Bis(2-Chloroethoxy)methane		9,500.000	E 43	170	ug/Kg
P4284-09	A4E76	Solid	Bis(2-Chloroethyl)ether		9,800.000	E 40	330	ug/Kg
P4284-09	A4E76	Solid	Bis(2-ethylhexyl)phthalate		9,100.000	E 95	170	ug/Kg
P4284-09	A4E76	Solid	Butylbenzylphthalate		2,200.000	83	170	ug/Kg

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SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4284-09	A4E76	Solid	Chrysene	9,400.000	E	31	170	ug/Kg
P4284-09	A4E76	Solid	Di-n-butylphthalate	8,400.000	E	61	170	ug/Kg
P4284-09	A4E76	Solid	Dibenzo(a,h)anthracene	4,100.000	E	28	170	ug/Kg
P4284-09	A4E76	Solid	Fluoranthene	8,000.000	E	54	170	ug/Kg
P4284-09	A4E76	Solid	Fluorene	8,700.000	E	25	170	ug/Kg
P4284-09	A4E76	Solid	Hexachlorobenzene	12,000.000	E	32	170	ug/Kg
P4284-09	A4E76	Solid	Hexachlorobutadiene	7,900.000	E	44	170	ug/Kg
P4284-09	A4E76	Solid	Hexachloroethane	6,900.000	E	18	170	ug/Kg
P4284-09	A4E76	Solid	Indeno(1,2,3-cd)pyrene	1,600.000		31	170	ug/Kg
P4284-09	A4E76	Solid	Isophorone	8,200.000	E	48	170	ug/Kg
P4284-09	A4E76	Solid	N-Nitroso-di-n-propylamine	9,700.000	E	51	170	ug/Kg
P4284-09	A4E76	Solid	Nitrobenzene	2,000.000		31	170	ug/Kg
P4284-09	A4E76	Solid	Pentachlorophenol	12,000.000	E	74	330	ug/Kg
P4284-09	A4E76	Solid	Phenanthrene	2,200.000		29	170	ug/Kg
P4284-09	A4E76	Solid	Phenol	1,800.000		43	330	ug/Kg
P4284-09	A4E76	Solid	Pyrene	3,300.000	E	49	170	ug/Kg
Total Svoc :				223,900.00				
Total Concentration:				226,780.00				

Client ID : A4E76DL

P4284-09DL	A4E76DL	Solid	Benzene, 1,2-dichloro-	*	11,000.000	JD		
P4284-09DL	A4E76DL	Solid	Benzophenone	*	460.000	JD		
P4284-09DL	A4E76DL	Solid	Total Alkanes	*	0.000	D	120	840 ug/Kg
Total Tics :				11,460.00				
P4284-09DL	A4E76DL	Solid	2,4,5-Trichlorophenol		1,800.000	D	190	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2,4,6-Trichlorophenol		8,500.000	D	240	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2,4-Dichlorophenol		5,400.000	D	79	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2,4-Dinitrotoluene		7,400.000	D	210	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2,6-Dinitrotoluene		12,000.000	D	220	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2-Chlorophenol		4,300.000	D	110	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2-Methylnaphthalene		2,700.000	D	110	840 ug/Kg
P4284-09DL	A4E76DL	Solid	2-Nitrophenol		2,300.000	D	150	840 ug/Kg
P4284-09DL	A4E76DL	Solid	4-Bromophenyl-phenylether		2,000.000	D	140	840 ug/Kg
P4284-09DL	A4E76DL	Solid	4-Chloro-3-methylphenol		1,900.000	D	240	840 ug/Kg
P4284-09DL	A4E76DL	Solid	4-Chlorophenyl-phenylether		2,700.000	D	99	840 ug/Kg
P4284-09DL	A4E76DL	Solid	4-Nitrophenol		4,100.000	D	220	1600 ug/Kg
P4284-09DL	A4E76DL	Solid	Acenaphthene		5,600.000	D	140	840 ug/Kg
P4284-09DL	A4E76DL	Solid	Acenaphthylene		970.000	D	160	840 ug/Kg
P4284-09DL	A4E76DL	Solid	Anthracene		2,100.000	D	120	840 ug/Kg
P4284-09DL	A4E76DL	Solid	Benzo(a)anthracene		5,900.000	D	130	840 ug/Kg
P4284-09DL	A4E76DL	Solid	Benzo(a)pyrene		1,800.000	D	160	840 ug/Kg

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SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4284-09DL	A4E76DL	Solid	Benzo(b)fluoranthene	8,100.000	D	160	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Benzo(g,h,i)perylene	1,300.000	D	130	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Bis(2-Chloroethoxy)methane	9,400.000	D	210	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Bis(2-Chloroethyl)ether	9,600.000	D	200	1600	ug/Kg
P4284-09DL	A4E76DL	Solid	Bis(2-ethylhexyl)phthalate	8,600.000	D	480	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Butylbenzylphthalate	2,000.000	D	420	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Chrysene	9,300.000	D	150	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Di-n-butylphthalate	8,300.000	D	300	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Dibenzo(a,h)anthracene	3,700.000	D	140	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Fluoranthene	7,300.000	D	270	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Fluorene	8,300.000	D	120	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Hexachlorobenzene	11,000.000	D	160	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Hexachlorobutadiene	7,400.000	D	220	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Hexachloroethane	6,400.000	D	89	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Indeno(1,2,3-cd)pyrene	1,400.000	D	150	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Isophorone	8,000.000	D	240	840	ug/Kg
P4284-09DL	A4E76DL	Solid	N-Nitroso-di-n-propylamine	9,500.000	D	250	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Nitrobenzene	1,800.000	D	150	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Pentachlorophenol	10,000.000	D	370	1600	ug/Kg
P4284-09DL	A4E76DL	Solid	Phenanthrene	2,100.000	D	140	840	ug/Kg
P4284-09DL	A4E76DL	Solid	Phenol	1,600.000	D	210	1600	ug/Kg
P4284-09DL	A4E76DL	Solid	Pyrene	3,000.000	D	240	840	ug/Kg

Total Svoc : 209,570.00

Total Concentration: 221,030.00

Client ID : A4ET1

P4284-11	A4ET1	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P4284-11	A4ET1	Solid	11H-Benzo[b]fluorene	*	190.000	J		
P4284-11	A4ET1	Solid	2,4-Dimethylfuran	*	220.000	J		
P4284-11	A4ET1	Solid	2-Chlorocyclohexanol	*	1,000.000	J		
P4284-11	A4ET1	Solid	2-Cyclohexen-1-one	*	2,000.000	J		
P4284-11	A4ET1	Solid	3-Methyl-3-chloro-1-butene	*	240.000	J		
P4284-11	A4ET1	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	170.000	J		
P4284-11	A4ET1	Solid	Benzophenone	*	170.000	J		
P4284-11	A4ET1	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P4284-11	A4ET1	Solid	Phenanthrene, 1-methyl-	*	290.000	J		
P4284-11	A4ET1	Solid	Phenanthrene, 2-methyl-	*	120.000	J		
P4284-11	A4ET1	Solid	Total Alkanes	*	0.000	40	280	ug/Kg

Total Tics : 4,620.00

P4284-11	A4ET1	Solid	Acenaphthene		210.000	J	48	280	ug/Kg
P4284-11	A4ET1	Solid	Acetophenone		87.000	J	66	550	ug/Kg

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SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4284-11	A4ET1	Solid	Anthracene	360.000		41	280	ug/Kg
P4284-11	A4ET1	Solid	Benzo(a)anthracene	690.000		45	280	ug/Kg
P4284-11	A4ET1	Solid	Benzo(a)pyrene	230.000	J	53	280	ug/Kg
P4284-11	A4ET1	Solid	Benzo(b)fluoranthene	770.000		55	280	ug/Kg
P4284-11	A4ET1	Solid	Benzo(k)fluoranthene	290.000		63	280	ug/Kg
P4284-11	A4ET1	Solid	Carbazole	150.000	J	46	550	ug/Kg
P4284-11	A4ET1	Solid	Chrysene	680.000		51	280	ug/Kg
P4284-11	A4ET1	Solid	Dibenzo(a,h)anthracene	97.000	J	46	280	ug/Kg
P4284-11	A4ET1	Solid	Dibenzofuran	96.000	J	53	280	ug/Kg
P4284-11	A4ET1	Solid	Fluoranthene	2,100.000		89	280	ug/Kg
P4284-11	A4ET1	Solid	Fluorene	190.000	J	41	280	ug/Kg
P4284-11	A4ET1	Solid	Indeno(1,2,3-cd)pyrene	190.000	J	51	280	ug/Kg
P4284-11	A4ET1	Solid	Naphthalene	94.000	J	41	280	ug/Kg
P4284-11	A4ET1	Solid	Phenanthrene	1,700.000		48	280	ug/Kg
P4284-11	A4ET1	Solid	Pyrene	1,000.000		81	280	ug/Kg

Total Svoc : 8,934.00
Total Concentration: 13,554.00

Client ID : A4ET2

P4284-12	A4ET2	Solid	Benzophenone	*	230.000	J		
P4284-12	A4ET2	Solid	n-Hexadecanoic acid	*	290.000	J		
P4284-12	A4ET2	Solid	Total Alkanes	*	0.000		51	360 ug/Kg
Total Tics :					520.00			
P4284-12	A4ET2	Solid	Benzo(a)anthracene		77.000	J	58	360 ug/Kg
P4284-12	A4ET2	Solid	Benzo(b)fluoranthene		100.000	J	70	360 ug/Kg
P4284-12	A4ET2	Solid	Chrysene		92.000	J	66	360 ug/Kg
P4284-12	A4ET2	Solid	Fluoranthene		230.000	J	120	360 ug/Kg
P4284-12	A4ET2	Solid	Phenanthrene		180.000	J	62	360 ug/Kg
P4284-12	A4ET2	Solid	Pyrene		170.000	J	100	360 ug/Kg

Total Svoc : 849.00
Total Concentration: 1,369.00

Client ID : A4EW3

P4284-13	A4EW3	Solid	(DEL) Alkane: Straight-Chain23.8	*	100.000	J		
P4284-13	A4EW3	Solid	2-Chlorocyclohexanol	*	850.000	J		
P4284-13	A4EW3	Solid	2-Cyclohexen-1-one	*	1,500.000	J		
P4284-13	A4EW3	Solid	3-Methyl-3-chloro-1-butene	*	190.000	J		
P4284-13	A4EW3	Solid	n-Hexadecanoic acid	*	110.000	J		
P4284-13	A4EW3	Solid	Total Alkanes	*	100.000		33	230 ug/Kg
Total Tics :					2,850.00			
P4284-13	A4EW3	Solid	Benzo(a)anthracene		70.000	J	37	230 ug/Kg
P4284-13	A4EW3	Solid	Benzo(b)fluoranthene		94.000	J	45	230 ug/Kg

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SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4284-13	A4EW3	Solid	Chrysene	76.000	J	42	230	ug/Kg
P4284-13	A4EW3	Solid	Fluoranthene	200.000	J	73	230	ug/Kg
P4284-13	A4EW3	Solid	Phenanthrene	140.000	J	39	230	ug/Kg
P4284-13	A4EW3	Solid	Pyrene	110.000	J	67	230	ug/Kg
Total Svoc :				690.00				
Total Concentration:				3,540.00				
Client ID : A4EW4								
P4284-14	A4EW4	Solid	(DEL) Alkane: Cyclic22.386	*	110.000	J		
P4284-14	A4EW4	Solid	(DEL) Alkane: Straight-Chain21.1	*	190.000	J		
P4284-14	A4EW4	Solid	Benzophenone	*	100.000	J		
P4284-14	A4EW4	Solid	n-Hexadecanoic acid	*	230.000	J		
P4284-14	A4EW4	Solid	Total Alkanes	*	300.000	34	240	ug/Kg
Total Tics :				930.00				
P4284-14	A4EW4	Solid	Benzo(a)anthracene		83.000	J 39	240	ug/Kg
P4284-14	A4EW4	Solid	Benzo(a)pyrene		70.000	J 46	240	ug/Kg
P4284-14	A4EW4	Solid	Benzo(b)fluoranthene		100.000	J 47	240	ug/Kg
P4284-14	A4EW4	Solid	Chrysene		95.000	J 44	240	ug/Kg
P4284-14	A4EW4	Solid	Fluoranthene		220.000	J 77	240	ug/Kg
P4284-14	A4EW4	Solid	Phenanthrene		96.000	J 41	240	ug/Kg
P4284-14	A4EW4	Solid	Pyrene		150.000	J 70	240	ug/Kg
Total Svoc :				814.00				
Total Concentration:				1,744.00				
Client ID : A4EX6								
P4284-15	A4EX6	Solid	2,4-Dimethylfuran	*	250.000	J		
P4284-15	A4EX6	Solid	2-Chlorocyclohexanol	*	1,200.000	J		
P4284-15	A4EX6	Solid	2-Cyclohexen-1-one	*	2,200.000	J		
P4284-15	A4EX6	Solid	n-Hexadecanoic acid	*	190.000	J		
P4284-15	A4EX6	Solid	Total Alkanes	*	0.000	49	340	ug/Kg
Total Tics :				3,840.00				
P4284-15	A4EX6	Solid	Bis(2-ethylhexyl)phthalate		280.000	J 190	340	ug/Kg
P4284-15	A4EX6	Solid	Di-n-butylphthalate		380.000	120	340	ug/Kg
Total Svoc :				660.00				
Total Concentration:				4,500.00				
Client ID : A4EX7								
P4284-16	A4EX7	Solid	(DEL) Alkane: Cyclic21.192	*	190.000	J		
P4284-16	A4EX7	Solid	Benzophenone	*	210.000	J		
P4284-16	A4EX7	Solid	n-Hexadecanoic acid	*	480.000	J		
P4284-16	A4EX7	Solid	Total Alkanes	*	190.000	47	330	ug/Kg
Total Tics :				1,070.00				

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SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,070.00				
Client ID : A4EY3								
P4284-17	A4EY3	Solid	Benzophenone	*	86.000	J		
P4284-17	A4EY3	Solid	n-Hexadecanoic acid	*	180.000	J		
P4284-17	A4EY3	Solid	Total Alkanes	*	0.000	28	200	ug/Kg
Total Tics :				266.00				
Total Concentration:				266.00				
Client ID : A4EZ3								
P4284-18	A4EZ3	Solid	(DEL) Alkane: Straight-Chain23.9	*	320.000	J		
P4284-18	A4EZ3	Solid	2-Chlorocyclohexanol	*	1,100.000	J		
P4284-18	A4EZ3	Solid	2-Cyclohexen-1-one	*	2,000.000	J		
P4284-18	A4EZ3	Solid	Caryophyllene	*	140.000	J		
P4284-18	A4EZ3	Solid	n-Hexadecanoic acid	*	500.000	J		
P4284-18	A4EZ3	Solid	Octacosanol	*	490.000	J		
P4284-18	A4EZ3	Solid	Oxalic acid, isobutyl hexadecyl es	*	260.000	J		
P4284-18	A4EZ3	Solid	Total Alkanes	*	320.000	46	330	ug/Kg
Total Tics :				5,130.00				
P4284-18	A4EZ3	Solid	Acetophenone		94.000	J 77	640	ug/Kg
P4284-18	A4EZ3	Solid	Anthracene		66.000	J 48	330	ug/Kg
P4284-18	A4EZ3	Solid	Benzo(a)anthracene		330.000	J 52	330	ug/Kg
P4284-18	A4EZ3	Solid	Benzo(a)pyrene		150.000	J 62	330	ug/Kg
P4284-18	A4EZ3	Solid	Benzo(b)fluoranthene		630.000	J 64	330	ug/Kg
P4284-18	A4EZ3	Solid	Benzo(k)fluoranthene		190.000	J 73	330	ug/Kg
P4284-18	A4EZ3	Solid	Bis(2-ethylhexyl)phthalate		270.000	J 190	330	ug/Kg
P4284-18	A4EZ3	Solid	Chrysene		450.000	J 60	330	ug/Kg
P4284-18	A4EZ3	Solid	Dibenzo(a,h)anthracene		77.000	J 54	330	ug/Kg
P4284-18	A4EZ3	Solid	Fluoranthene		870.000	J 100	330	ug/Kg
P4284-18	A4EZ3	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 60	330	ug/Kg
P4284-18	A4EZ3	Solid	Phenanthrene		330.000	J 56	330	ug/Kg
P4284-18	A4EZ3	Solid	Pyrene		470.000	J 95	330	ug/Kg
Total Svoc :				4,077.00				
Total Concentration:				9,207.00				
Client ID : A4EZ4								
P4284-19	A4EZ4	Solid	(DEL) Alkane: Straight-Chain21.1	*	230.000	J		
P4284-19	A4EZ4	Solid	1,1-Biphenyl, 2,2,3,4-tetrachlo	*	180.000	J		
P4284-19	A4EZ4	Solid	1,1-Biphenyl, 2,2,5,6-Tetrachlo	*	150.000	J		
P4284-19	A4EZ4	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	240.000	J		
P4284-19	A4EZ4	Solid	Benzophenone	*	210.000	J		
P4284-19	A4EZ4	Solid	n-Hexadecanoic acid	*	450.000	J		

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SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4284-19	A4EZ4	Solid	Octadecanoic acid	*	130.000	J		
P4284-19	A4EZ4	Solid	Total Alkanes	*	230.000	46	320	ug/Kg
			Total Tics :		1,820.00			
P4284-19	A4EZ4	Solid	Benzo(a)pyrene		64.000	J 61	320	ug/Kg
P4284-19	A4EZ4	Solid	Benzo(b)fluoranthene		84.000	J 63	320	ug/Kg
P4284-19	A4EZ4	Solid	Chrysene		78.000	J 59	320	ug/Kg
P4284-19	A4EZ4	Solid	Fluoranthene		110.000	J 100	320	ug/Kg
P4284-19	A4EZ4	Solid	Pyrene		110.000	J 93	320	ug/Kg
			Total Svoc :		446.00			
			Total Concentration:		2,266.00			
Client ID : A4EZ9								
P4284-20	A4EZ9	Solid	(DEL) Alkane: Cyclic21.186	*	160.000	J		
P4284-20	A4EZ9	Solid	Benzophenone	*	130.000	J		
P4284-20	A4EZ9	Solid	n-Hexadecanoic acid	*	250.000	J		
P4284-20	A4EZ9	Solid	Total Alkanes	*	160.000	32	230	ug/Kg
			Total Tics :		700.00			
			Total Concentration:		700.00			
Client ID : A4E79								
P4329-02	A4E79	Solid	1,1-Biphenyl, 2-methyl-	*	110.000	J		
P4329-02	A4E79	Solid	10,18-Bisnorabieta-8,11,13-triene	*	110.000	J		
P4329-02	A4E79	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	200.000	J		
P4329-02	A4E79	Solid	9,10-Anthracenedione	*	170.000	J		
P4329-02	A4E79	Solid	Benzene, 1,2-dichloro-	*	630.000	J		
P4329-02	A4E79	Solid	Benzene, pentachloro-	*	95.000	J		
P4329-02	A4E79	Solid	Benzophenone	*	510.000	J		
P4329-02	A4E79	Solid	n-Hexadecanoic acid	*	400.000	J		
P4329-02	A4E79	Solid	Phenol, 2,3,5,6-tetrachloro-	*	75.000	J		
P4329-02	A4E79	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
			Total Tics :		2,300.00			
P4329-02	A4E79	Solid	2,4,5-Trichlorophenol		1,600.000	39	170	ug/Kg
P4329-02	A4E79	Solid	2,4,6-Trichlorophenol		7,400.000	E 49	170	ug/Kg
P4329-02	A4E79	Solid	2,4-Dichlorophenol		4,500.000	E 16	170	ug/Kg
P4329-02	A4E79	Solid	2,4-Dinitrotoluene		6,100.000	E 43	170	ug/Kg
P4329-02	A4E79	Solid	2,6-Dinitrotoluene		9,800.000	E 44	170	ug/Kg
P4329-02	A4E79	Solid	2-Chlorophenol		3,500.000	E 23	170	ug/Kg
P4329-02	A4E79	Solid	2-Methylnaphthalene		2,300.000	23	170	ug/Kg
P4329-02	A4E79	Solid	2-Nitrophenol		1,900.000	31	170	ug/Kg
P4329-02	A4E79	Solid	4-Bromophenyl-phenylether		1,700.000	29	170	ug/Kg
P4329-02	A4E79	Solid	4-Chloro-3-methylphenol		1,700.000	49	170	ug/Kg
P4329-02	A4E79	Solid	4-Chlorophenyl-phenylether		2,300.000	20	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4329-02	A4E79	Solid	4-Nitrophenol	3,500.000		44	330	ug/Kg
P4329-02	A4E79	Solid	Acenaphthene	4,600.000	E	29	170	ug/Kg
P4329-02	A4E79	Solid	Acenaphthylene	790.000		32	170	ug/Kg
P4329-02	A4E79	Solid	Anthracene	1,700.000		25	170	ug/Kg
P4329-02	A4E79	Solid	Benzo(a)anthracene	4,600.000	E	27	170	ug/Kg
P4329-02	A4E79	Solid	Benzo(a)pyrene	1,400.000		32	170	ug/Kg
P4329-02	A4E79	Solid	Benzo(b)fluoranthene	6,300.000	E	33	170	ug/Kg
P4329-02	A4E79	Solid	Benzo(g,h,i)perylene	1,100.000		26	170	ug/Kg
P4329-02	A4E79	Solid	Bis(2-Chloroethoxy)methane	7,500.000	E	43	170	ug/Kg
P4329-02	A4E79	Solid	Bis(2-Chloroethyl)ether	7,600.000	E	40	330	ug/Kg
P4329-02	A4E79	Solid	Bis(2-ethylhexyl)phthalate	6,700.000	E	96	170	ug/Kg
P4329-02	A4E79	Solid	Butylbenzylphthalate	1,600.000		84	170	ug/Kg
P4329-02	A4E79	Solid	Chrysene	7,000.000	E	31	170	ug/Kg
P4329-02	A4E79	Solid	Di-n-butylphthalate	6,400.000	E	61	170	ug/Kg
P4329-02	A4E79	Solid	Dibenzo(a,h)anthracene	3,000.000	E	28	170	ug/Kg
P4329-02	A4E79	Solid	Fluoranthene	5,700.000	E	54	170	ug/Kg
P4329-02	A4E79	Solid	Fluorene	6,900.000	E	25	170	ug/Kg
P4329-02	A4E79	Solid	Hexachlorobenzene	9,500.000	E	32	170	ug/Kg
P4329-02	A4E79	Solid	Hexachlorobutadiene	6,300.000	E	44	170	ug/Kg
P4329-02	A4E79	Solid	Hexachloroethane	5,400.000	E	18	170	ug/Kg
P4329-02	A4E79	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		31	170	ug/Kg
P4329-02	A4E79	Solid	Isophorone	6,600.000	E	48	170	ug/Kg
P4329-02	A4E79	Solid	N-Nitroso-di-n-propylamine	7,900.000	E	51	170	ug/Kg
P4329-02	A4E79	Solid	Nitrobenzene	1,500.000		31	170	ug/Kg
P4329-02	A4E79	Solid	Pentachlorophenol	8,900.000	E	74	330	ug/Kg
P4329-02	A4E79	Solid	Phenanthrene	1,700.000		29	170	ug/Kg
P4329-02	A4E79	Solid	Phenol	1,300.000		43	330	ug/Kg
P4329-02	A4E79	Solid	Pyrene	2,400.000		49	170	ug/Kg
Total Svoc :				171,890.00				
Total Concentration:				174,190.00				
Client ID :	A4E79DL							
P4329-02DL	A4E79DL	Solid	Benzene, 1,3-dichloro-	*	6,900.000	JD		
P4329-02DL	A4E79DL	Solid	Benzophenone	*	460.000	JD		
P4329-02DL	A4E79DL	Solid	Total Alkanes	*	0.000	D 120	850	ug/Kg
Total Tics :				7,360.00				
P4329-02DL	A4E79DL	Solid	2,4,5-Trichlorophenol		1,400.000	D 190	850	ug/Kg
P4329-02DL	A4E79DL	Solid	2,4,6-Trichlorophenol		6,500.000	D 240	850	ug/Kg
P4329-02DL	A4E79DL	Solid	2,4-Dichlorophenol		4,100.000	D 80	850	ug/Kg
P4329-02DL	A4E79DL	Solid	2,4-Dinitrotoluene		5,400.000	D 210	850	ug/Kg
P4329-02DL	A4E79DL	Solid	2,6-Dinitrotoluene		8,700.000	D 220	850	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4329-02DL	A4E79DL	Solid	2-Chlorophenol	3,300.000	D	110	850	ug/Kg
P4329-02DL	A4E79DL	Solid	2-Methylnaphthalene	2,100.000	D	110	850	ug/Kg
P4329-02DL	A4E79DL	Solid	2-Nitrophenol	1,700.000	D	150	850	ug/Kg
P4329-02DL	A4E79DL	Solid	4-Bromophenyl-phenylether	1,500.000	D	140	850	ug/Kg
P4329-02DL	A4E79DL	Solid	4-Chloro-3-methylphenol	1,500.000	D	240	850	ug/Kg
P4329-02DL	A4E79DL	Solid	4-Chlorophenyl-phenylether	2,100.000	D	100	850	ug/Kg
P4329-02DL	A4E79DL	Solid	4-Nitrophenol	2,800.000	D	220	1600	ug/Kg
P4329-02DL	A4E79DL	Solid	Acenaphthene	4,200.000	D	140	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Acenaphthylene	740.000	JD	160	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Anthracene	1,600.000	D	120	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Benzo(a)anthracene	4,300.000	D	130	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Benzo(a)pyrene	1,300.000	D	160	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Benzo(b)fluoranthene	6,000.000	D	160	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Benzo(g,h,i)perylene	950.000	D	130	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Bis(2-Chloroethoxy)methane	7,300.000	D	210	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Bis(2-Chloroethyl)ether	7,400.000	D	200	1600	ug/Kg
P4329-02DL	A4E79DL	Solid	Bis(2-ethylhexyl)phthalate	6,400.000	D	480	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Butylbenzylphthalate	1,500.000	D	420	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Chrysene	6,700.000	D	150	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Di-n-butylphthalate	6,000.000	D	300	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Dibenzo(a,h)anthracene	2,800.000	D	140	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Fluoranthene	5,600.000	D	270	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Fluorene	6,200.000	D	120	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Hexachlorobenzene	8,500.000	D	160	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Hexachlorobutadiene	5,600.000	D	220	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Hexachloroethane	5,000.000	D	90	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Indeno(1,2,3-cd)pyrene	1,100.000	D	150	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Isophorone	6,400.000	D	240	850	ug/Kg
P4329-02DL	A4E79DL	Solid	N-Nitroso-di-n-propylamine	7,600.000	D	250	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Nitrobenzene	1,400.000	D	150	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Pentachlorophenol	7,400.000	D	370	1600	ug/Kg
P4329-02DL	A4E79DL	Solid	Phenanthrene	1,600.000	D	140	850	ug/Kg
P4329-02DL	A4E79DL	Solid	Phenol	1,300.000	JD	210	1600	ug/Kg
P4329-02DL	A4E79DL	Solid	Pyrene	2,300.000	D	240	850	ug/Kg

Total Svoc : 158,290.00

Total Concentration: 165,650.00

Client ID : A4EG4

P4329-03	A4EG4	Solid	(DEL) Alkane: Straight-Chain21.1 *	180.000	J			
P4329-03	A4EG4	Solid	Benzophenone *	370.000	J			
P4329-03	A4EG4	Solid	n-Hexadecanoic acid *	280.000	J			

Hit Summary Sheet SW-846

SDG No.: BP101624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4329-03	A4EG4	Solid	Total Alkanes	*	180.000	60	430	ug/Kg
Total Tics :					1,010.00			
Total Concentration:					1,010.00			
Client ID : A4EG5								
P4329-04	A4EG5	Solid	(DEL) Alkane: Straight-Chain21.1 *		110.000	J		
P4329-04	A4EG5	Solid	Benzophenone	*	180.000	J		
P4329-04	A4EG5	Solid	n-Hexadecanoic acid	*	170.000	J		
P4329-04	A4EG5	Solid	Total Alkanes	*	110.000	29	200	ug/Kg
Total Tics :					570.00			
Total Concentration:					570.00			
Client ID : A4EG8								
P4329-05	A4EG8	Solid	(DEL) Alkane: Straight-Chain21.1 *		220.000	J		
P4329-05	A4EG8	Solid	Benzophenone	*	470.000	J		
P4329-05	A4EG8	Solid	n-Hexadecanoic acid	*	400.000	J		
P4329-05	A4EG8	Solid	Total Alkanes	*	220.000	54	380	ug/Kg
Total Tics :					1,310.00			
Total Concentration:					1,310.00			
Client ID : A4EN5								
P4329-08	A4EN5	Solid	1-Heneicosanol	*	120.000	J		
P4329-08	A4EN5	Solid	Benzophenone	*	250.000	J		
P4329-08	A4EN5	Solid	n-Hexadecanoic acid	*	180.000	J		
P4329-08	A4EN5	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :					550.00			
Total Concentration:					550.00			
Client ID : A4FB6								
P4329-17	A4FB6	Solid	2-Chlorocyclohexanol	*	210.000	J		
P4329-17	A4FB6	Solid	2-Cyclohexen-1-one	*	400.000	J		
P4329-17	A4FB6	Solid	Benzophenone	*	190.000	J		
P4329-17	A4FB6	Solid	n-Hexadecanoic acid	*	150.000	J		
P4329-17	A4FB6	Solid	Total Alkanes	*	0.000	29	200	ug/Kg
Total Tics :					950.00			
P4329-17	A4FB6	Solid	Acetophenone		51.000	J 48	390	ug/Kg
P4329-17	A4FB6	Solid	Benzo(b)fluoranthene		41.000	J 39	200	ug/Kg
P4329-17	A4FB6	Solid	Fluoranthene		82.000	J 64	200	ug/Kg
Total Svoc :					174.00			
Total Concentration:					1,124.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:	RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
	RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis(1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo(a)anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis(2-ethylhexyl)phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo(b)fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo(k)fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo(a)pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno(1,2,3-cd)pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo(a,h)anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo(g,h,i)perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724
Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____
Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D	
		RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020623 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:19

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK941	102614	7.67	372565	10.42	277656	14.28
02	A4E79	75835	7.67	291530	10.43	230248	14.29
03	A4E79DL	94426	7.66	354345	10.42	281546	14.29
04	A4E76	72568	7.67	273260	10.43	210959	14.29
05	A4E76DL	90892	7.67	329889	10.42	246752	14.28
06	SBLK941	101870	7.67	383218	10.43	303079	14.29
07	A4EQ1	87633	7.66	329172	10.42	270501	14.28
08	A4EQ3	107380	7.67	412806	10.43	327021	14.29
09	A4EQ4	103170	7.67	389389	10.42	305243	14.28
10	A4EQ5	99764	7.67	375065	10.43	298906	14.29
11	A4ET2	94846	7.67	357852	10.42	279364	14.28
12	A4EW3	99841	7.67	384214	10.43	308460	14.28
13	A4EX6	98913	7.67	369478	10.43	271142	14.28
14	A4EX7	111480	7.67	421532	10.43	340617	14.28
15	A4EY3	117245	7.67	431629	10.43	340541	14.28
16	A4EZ9	126067	7.67	457106	10.43	368222	14.28
17	A4EW4	122221	7.67	478189	10.42	390509	14.29
18	A4EZ3	116095	7.67	452095	10.42	344148	14.28
19	A4EG5	144035	7.67	538508	10.42	440436	14.28
20	SLCS941	114002	7.67	484982	10.43	380264	14.28
21	SBLK982	103682	7.66	381648	10.42	290146	14.29
22	A4EZ4	126578	7.66	480920	10.42	374871	14.28
23	A4ET1	136380	7.67	529652	10.43	440703	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020623 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 06:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						
24 A4FB6	142461	7.66	521874	10.42	398943	14.28
25 A4EG8	119934	7.67	436419	10.42	327670	14.28
26 A4EN5	119056	7.67	451433	10.42	355687	14.28
27 A4EG4	130542	7.66	475188	10.42	385111	14.28

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.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020656 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BP022410.D Time Analyzed: 11:19

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	79385	7.628	293786	10.39	228764	14.28
UPPER LIMIT	158770	8.128	587572	10.892	457528	14.78
LOWER LIMIT	39692.5	7.128	146893	9.892	114382	13.78
EPA SAMPLE NO.						
01 SBLK941	102614	7.67	372565	10.42	277656	14.28
02 A4E79	75835	7.67	291530	10.43	230248	14.29
03 A4E79DL	94426	7.66	354345	10.42	281546	14.29
04 A4E76	72568	7.67	273260	10.43	210959	14.29
05 A4E76DL	90892	7.67	329889	10.42	246752	14.28

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.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020657 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BP022416.D Time Analyzed: 17:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	92898	7.663	330427	10.42	250912	14.29
UPPER LIMIT	185796	8.163	660854	10.922	501824	14.787
LOWER LIMIT	46449	7.163	165213.5	9.922	125456	13.787
EPA SAMPLE NO.						
01 SBLK941	101870	7.67	383218	10.43	303079	14.29
02 A4EQ1	87633	7.66	329172	10.42	270501	14.28
03 A4EQ3	107380	7.67	412806	10.43	327021	14.29
04 A4EQ4	103170	7.67	389389	10.42	305243	14.28
05 A4EQ5	99764	7.67	375065	10.43	298906	14.29
06 A4ET2	94846	7.67	357852	10.42	279364	14.28
07 A4EW3	99841	7.67	384214	10.43	308460	14.28
08 A4EX6	98913	7.67	369478	10.43	271142	14.28
09 A4EX7	111480	7.67	421532	10.43	340617	14.28
10 A4EY3	117245	7.67	431629	10.43	340541	14.28
11 A4EZ9	126067	7.67	457106	10.43	368222	14.28
12 A4EW4	122221	7.67	478189	10.42	390509	14.29
13 A4EZ3	116095	7.67	452095	10.42	344148	14.28
14 A4EG5	144035	7.67	538508	10.42	440436	14.28
15 SLCS941	114002	7.67	484982	10.43	380264	14.28

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.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020658 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BP022432.D Time Analyzed: 04:38

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	98817	7.663	386689	10.42	319685	14.28
UPPER LIMIT	197634	8.163	773378	10.922	639370	14.775
LOWER LIMIT	49408.5	7.163	193344.5	9.922	159842.5	13.775
EPA SAMPLE NO.						
01 SBLK982	103682	7.66	381648	10.42	290146	14.29
02 A4EZ4	126578	7.66	480920	10.42	374871	14.28
03 A4ET1	136380	7.67	529652	10.43	440703	14.28
04 A4FB6	142461	7.66	521874	10.42	398943	14.28
05 A4EG8	119934	7.67	436419	10.42	327670	14.28
06 A4EN5	119056	7.67	451433	10.42	355687	14.28
07 A4EG4	130542	7.66	475188	10.42	385111	14.28

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020623 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:19

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK941	657963	17.10	785216	21.52	897836	24.80
02	A4E79	567370	17.09	654761	21.53	792818	24.79
03	A4E79DL	674541	17.09	748608	21.53	894710	24.80
04	A4E76	503041	17.09	555809	21.53	668772	24.79
05	A4E76DL	604924	17.08	717851	21.52	880648	24.77
06	SBLK941	741932	17.09	814173	21.51	922106	24.78
07	A4EQ1	630360	17.09	750624	21.52	954801	24.78
08	A4EQ3	790739	17.08	851383	21.51	1.01431e+	24.77
09	A4EQ4	743768	17.08	796039	21.52	953251	24.77
10	A4EQ5	724393	17.09	839424	21.50	1.0067e+0	24.76
11	A4ET2	679561	17.10	752709	21.52	902291	24.78
12	A4EW3	753919	17.08	853214	21.50	1.01902e+	24.76
13	A4EX6	653574	17.08	746042	21.51	910469	24.77
14	A4EX7	857046	17.08	955845	21.52	1.15281e+	24.79
15	A4EY3	877109	17.08	1.04199e+	21.51	1.24796e+	24.77
16	A4EZ9	895082	17.08	1.00412e+	21.52	1.25213e+	24.77
17	A4EW4	948716	17.09	1.06343e+	21.50	1.23955e+	24.75
18	A4EZ3	808794	17.08	829752	21.52	998084	24.77
19	A4EG5	1.06963	17.08	1.09508e+	21.50	1.31835e+	24.77
20	SLCS941	923912	17.08	1.01054e+	21.51	1.21495e+	24.78
21	SBLK982	715590	17.08	819414	21.51	902806	24.77

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020623 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 05:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
EPA SAMPLE NO.						
22 A4EZ4	887985	17.08	1.00108e+	21.52	1.22442e+	24.78
23 A4ET1	1.08251	17.09	1.09724e+	21.50	1.32277e+	24.77
24 A4FB6	950041	17.08	1.03331e+	21.51	1.19625e+	24.79
25 A4EG8	745567	17.08	807248	21.51	956860	24.77
26 A4EN5	858152	17.09	861041	21.52	999721	24.79
27 A4EG4	903193	17.08	1.00237e+	21.50	1.21831e+	24.77

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020656 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BP022410.D Time Analyzed: 11:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	571474	17.08	715912	21.521	878756	24.792
UPPER LIMIT	1142948	17.58	1431824	22.021	1757512	25.292
LOWER LIMIT	285737	16.58	357956	21.021	439378	24.292
EPA SAMPLE NO.						
01 SBLK941	657963	17.10	785216	21.52	897836	24.80
02 A4E79	567370	17.09	654761	21.53	792818	24.79
03 A4E79DL	674541	17.09	748608	21.53	894710	24.80
04 A4E76	503041	17.09	555809	21.53	668772	24.79
05 A4E76DL	604924	17.08	717851	21.52	880648	24.77

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020657 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BP022416.D Time Analyzed: 17:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	606672	17.092	726339	21.516	847079	24.78
	UPPER LIMIT	1213344	17.592	1452678	22.016	1694158	25.28
	LOWER LIMIT	303336	16.592	363169.5	21.016	423539.5	24.28
	EPA SAMPLE NO.						
01	SBLK941	741932	17.09	814173	21.51	922106	24.78
02	A4EQ1	630360	17.09	750624	21.52	954801	24.78
03	A4EQ3	790739	17.08	851383	21.51	1.01431e+	24.77
04	A4EQ4	743768	17.08	796039	21.52	953251	24.77
05	A4EQ5	724393	17.09	839424	21.50	1.0067e+0	24.76
06	A4ET2	679561	17.10	752709	21.52	902291	24.78
07	A4EW3	753919	17.08	853214	21.50	1.01902e+	24.76
08	A4EX6	653574	17.08	746042	21.51	910469	24.77
09	A4EX7	857046	17.08	955845	21.52	1.15281e+	24.79
10	A4EY3	877109	17.08	1.04199e+	21.51	1.24796e+	24.77
11	A4EZ9	895082	17.08	1.00412e+	21.52	1.25213e+	24.77
12	A4EW4	948716	17.09	1.06343e+	21.50	1.23955e+	24.75
13	A4EZ3	808794	17.08	829752	21.52	998084	24.77
14	A4EG5	1.06963	17.08	1.09508e+	21.50	1.31835e+	24.77
15	SLCS941	923912	17.08	1.01054e+	21.51	1.21495e+	24.78

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020657 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BP022416.D Time Analyzed: 02:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	606672	17.092	726339	21.516	847079	24.78
UPPER LIMIT	1213344	17.592	1452678	22.016	1694158	25.28
LOWER LIMIT	303336	16.592	363169.5	21.016	423539.5	24.28
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101624 SAS No.: BP101624 SDG NO.: BP101624

EPA Sample No.: SSTD020658 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BP022432.D Time Analyzed: 04:38

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	823936	17.075	867162	21.516	985943	24.78
UPPER LIMIT	1647872	17.575	1734324	22.016	1971886	25.28
LOWER LIMIT	411968	16.575	433581	21.016	492971.5	24.28
EPA SAMPLE NO.						
01 SBLK982	715590	17.08	819414	21.51	902806	24.77
02 A4EZ4	887985	17.08	1.00108e+	21.52	1.22442e+	24.78
03 A4ET1	1.08251	17.09	1.09724e+	21.50	1.32277e+	24.77
04 A4FB6	950041	17.08	1.03331e+	21.51	1.19625e+	24.79
05 A4EG8	745567	17.08	807248	21.51	956860	24.77
06 A4EN5	858152	17.09	861041	21.52	999721	24.79
07 A4EG4	903193	17.08	1.00237e+	21.50	1.21831e+	24.77

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.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163941BS	1,4-Dioxane	530	300	ug/Kg	57				0	0		
	Benzaldehyde	1300	860	ug/Kg	66				0	0		
	Pyridine	1300	720	ug/Kg	55				0	0		
	Phenol	1300	830	ug/Kg	64				0	0		
	Bis(2-chloroethyl)ether	1300	850	ug/Kg	65				0	0		
	2-Chlorophenol	1300	890	ug/Kg	68				0	0		
	2-Methylphenol	1300	820	ug/Kg	63				0	0		
	2,2-oxybis(1-Chloropropane)	1300	810	ug/Kg	62				0	0		
	Acetophenone	1300	820	ug/Kg	63				0	0		
	4-Methylphenol	1300	830	ug/Kg	64				0	0		
	N-Nitroso-di-n-propylamine	1300	820	ug/Kg	63				0	0		
	Hexachloroethane	1300	880	ug/Kg	68				0	0		
	Nitrobenzene	1300	740	ug/Kg	57				0	0		
	Isophorone	1300	750	ug/Kg	58				0	0		
	2-Nitrophenol	1300	800	ug/Kg	62				0	0		
	2,4-Dimethylphenol	1300	650	ug/Kg	50				0	0		
	Bis(2-chloroethoxy)methane	1300	780	ug/Kg	60				0	0		
	2,4-Dichlorophenol	1300	920	ug/Kg	71				0	0		
	Naphthalene	1300	850	ug/Kg	65				0	0		
	4-Chloroaniline	1300	670	ug/Kg	52				0	0		
	Hexachlorobutadiene	1300	950	ug/Kg	73				0	0		
	Caprolactam	1300	810	ug/Kg	62				0	0		
	4-Chloro-3-methylphenol	1300	860	ug/Kg	66				0	0		
	1-Methylnaphthalene	1300	840	ug/Kg	65				0	0		
	2-Methylnaphthalene	1300	870	ug/Kg	67				0	0		
	Hexachlorocyclopentadiene	1300	610	ug/Kg	47				0	0		
	2,4,6-Trichlorophenol	1300	880	ug/Kg	68				0	0		
	2,4,5-Trichlorophenol	1300	910	ug/Kg	70				0	0		
	1,1'-Biphenyl	1300	850	ug/Kg	65				0	0		
	2-Chloronaphthalene	1300	860	ug/Kg	66				0	0		
	2-Nitroaniline	1300	780	ug/Kg	60				0	0		
	Dimethylphthalate	1300	850	ug/Kg	65				0	0		
	2,6-Dinitrotoluene	1300	930	ug/Kg	72				0	0		
	Acenaphthylene	1300	860	ug/Kg	66				0	0		
	3-Nitroaniline	1300	870	ug/Kg	67				0	0		
	Acenaphthene	1300	830	ug/Kg	64				0	0		
	2,4-Dinitrophenol	1300	760	ug/Kg	58				0	0		
	4-Nitrophenol	1300	780	ug/Kg	60				0	0		
	Dibenzofuran	1300	860	ug/Kg	66				0	0		
	2,4-Dinitrotoluene	1300	900	ug/Kg	69				0	0		
	Diethylphthalate	1300	840	ug/Kg	65				0	0		
	Fluorene	1300	860	ug/Kg	66				0	0		
	4-Chlorophenyl-phenylether	1300	880	ug/Kg	68				0	0		
	4-Nitroaniline	1300	940	ug/Kg	72				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163941BS	4,6-Dinitro-2-methylphenol	1300	830	ug/Kg	64				0	0		
	N-Nitrosodiphenylamine	1300	860	ug/Kg	66				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	910	ug/Kg	70				0	0		
	4-Bromophenyl-phenylether	1300	920	ug/Kg	71				0	0		
	Hexachlorobenzene	1300		ug/Kg	0				0	0		
	Atrazine	1300	660	ug/Kg	51				0	0		
	Pentachlorophenol	1300	860	ug/Kg	66				0	0		
	Phenanthrene	1300	840	ug/Kg	65				0	0		
	Pentachlorobenzene	1300	880	ug/Kg	68				0	0		
	Anthracene	1300	840	ug/Kg	65				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	890	ug/Kg	68				0	0		
	Carbazole	1300	840	ug/Kg	65				0	0		
	Di-n-butylphthalate	1300	870	ug/Kg	67				0	0		
	Fluoranthene	1300	910	ug/Kg	70				0	0		
	Pyrene	1300	880	ug/Kg	68				0	0		
	Butylbenzylphthalate	1300	860	ug/Kg	66				0	0		
	3,3'-Dichlorobenzidine	1300	910	ug/Kg	70				0	0		
	Benzo(a)anthracene	1300	860	ug/Kg	66				0	0		
	Chrysene	1300	860	ug/Kg	66				0	0		
	Bis(2-ethylhexyl)phthalate	1300	840	ug/Kg	65				0	0		
	Di-n-octylphthalate	1300	830	ug/Kg	64				0	0		
	Benzo(b)fluoranthene	1300	860	ug/Kg	66				0	0		
	Benzo(k)fluoranthene	1300	870	ug/Kg	67				0	0		
	Benzo(a)pyrene	1300	830	ug/Kg	64				0	0		
	Indeno(1,2,3-cd)pyrene	1300	870	ug/Kg	67				0	0		
	Dibenzo(a,h)anthracene	1300	870	ug/Kg	67				0	0		
	Benzo(g,h,i)perylene	1300	870	ug/Kg	67				0	0		
	2,3,4,6-Tetrachlorophenol	1300	880	ug/Kg	68				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK941

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101624

SAS No.: BP101624 SDG NO.: BP101624

Lab File ID: BP022417.D

Lab Sample ID: PB163941BL

Instrument ID: BNA_P

Date Extracted: 10/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/16/2024

Level: (low/med) LOW

Time Analyzed: 17:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163941BS	PB163941BS	BP022431.D	10/17/2024
A4EZ4	P4284-19	BP022434.D	10/17/2024
A4ET1	P4284-11	BP022435.D	10/17/2024
A4EQ1	P4284-01	BP022418.D	10/16/2024
A4EQ3	P4284-02	BP022419.D	10/16/2024
A4EQ4	P4284-03	BP022420.D	10/16/2024
A4EQ5	P4284-04	BP022421.D	10/16/2024
A4ET2	P4284-12	BP022422.D	10/16/2024
A4EW3	P4284-13	BP022423.D	10/16/2024
A4EX6	P4284-15	BP022424.D	10/16/2024
A4EX7	P4284-16	BP022425.D	10/16/2024
A4EY3	P4284-17	BP022426.D	10/16/2024
A4EZ9	P4284-20	BP022427.D	10/16/2024
A4EW4	P4284-14	BP022428.D	10/17/2024
A4EZ3	P4284-18	BP022429.D	10/17/2024
A4E76	P4284-09	BP022414.D	10/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK982

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101624

SAS No.: BP101624 SDG NO.: BP101624

Lab File ID: BP022433.D

Lab Sample ID: PB163982BL

Instrument ID: BNA_P

Date Extracted: 10/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/17/2024

Level: (low/med) LOW

Time Analyzed: 04:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E79	P4329-02	BP022412.D	10/16/2024
A4FB6	P4329-17	BP022436.D	10/17/2024
A4EG8	P4329-05	BP022437.D	10/17/2024
A4EN5	P4329-08	BP022438.D	10/17/2024
A4EG4	P4329-03	BP022439.D	10/17/2024
A4EG5	P4329-04	BP022430.D	10/17/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4284-01	A4EQ1	BP022418.D	1,4-Dioxane-d8	8	1.42	18		15	120
			Pyridine-d5	40	0.83	2	*	20	120
			Phenol-d5	40	5.99	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.20	18		10	150
			2-Chlorophenol-d4	40	6.86	17		15	120
			4-Methylphenol-d8	40	2.04	5	*	10	140
			Nitrobenzene-d5	40	7.52	19		10	135
			2-Nitrophenol-d4	40	7.23	18		10	120
			2,4-Dichlorophenol-d3	40	6.22	16		10	140
			4-Chloroaniline-d4	40	0.56	1		1	145
			Dimethylphthalate-d6	40	7.21	18		10	145
			Acenaphthylene-d8	40	7.00	18		15	120
			4-Nitrophenol-d4	40	4.63	12		10	150
			Fluorene-d10	40	7.28	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.12	13		10	130
			Anthracene-d10	40	7.07	18		10	150
			Pyrene-d10	40	5.78	14		10	130
			Benzo(a)pyrene-d12	40	3.57	9	*	10	140
P4284-02	A4EQ3	BP022419.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Pyridine-d5	40	11.34	28		20	120
			Phenol-d5	40	14.36	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.07	38		10	150
			2-Chlorophenol-d4	40	15.58	39		15	120
			4-Methylphenol-d8	40	15.21	38		10	140
			Nitrobenzene-d5	40	15.67	39		10	135
			2-Nitrophenol-d4	40	16.93	42		10	120
			2,4-Dichlorophenol-d3	40	16.16	40		10	140
			4-Chloroaniline-d4	40	15.29	38		1	145
			Dimethylphthalate-d6	40	18.25	46		10	145
			Acenaphthylene-d8	40	17.54	44		15	120
			4-Nitrophenol-d4	40	13.30	33		10	150
			Fluorene-d10	40	18.14	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.55	34		10	130
			Anthracene-d10	40	18.66	47		10	150
			Pyrene-d10	40	19.75	49		10	130
			Benzo(a)pyrene-d12	40	19.23	48		10	140
P4284-03	A4EQ4	BP022420.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	10.96	27		20	120
			Phenol-d5	40	13.44	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.24	36		10	150
			2-Chlorophenol-d4	40	14.13	35		15	120
			4-Methylphenol-d8	40	13.94	35		10	140
			Nitrobenzene-d5	40	14.52	36		10	135
			2-Nitrophenol-d4	40	15.30	38		10	120
			2,4-Dichlorophenol-d3	40	14.47	36		10	140
			4-Chloroaniline-d4	40	14.04	35		1	145
			Dimethylphthalate-d6	40	16.53	41		10	145
			Acenaphthylene-d8	40	15.86	40		15	120
			4-Nitrophenol-d4	40	12.24	31		10	150

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4284-03	A4EQ4	BP022420.D	Fluorene-d10	40	16.77	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.61	29		10	130
			Anthracene-d10	40	16.98	42		10	150
			Pyrene-d10	40	17.87	45		10	130
			Benzo(a)pyrene-d12	40	17.20	43		10	140
P4284-04	A4EQ5	BP022421.D	1,4-Dioxane-d8	8	2.65	33		15	120
			Pyridine-d5	40	10.76	27		20	120
			Phenol-d5	40	14.72	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.89	37		10	150
			2-Chlorophenol-d4	40	15.33	38		15	120
			4-Methylphenol-d8	40	15.20	38		10	140
			Nitrobenzene-d5	40	15.97	40		10	135
			2-Nitrophenol-d4	40	16.02	40		10	120
			2,4-Dichlorophenol-d3	40	15.78	39		10	140
			4-Chloroaniline-d4	40	14.38	36		1	145
			Dimethylphthalate-d6	40	18.06	45		10	145
			Acenaphthylene-d8	40	17.48	44		15	120
			4-Nitrophenol-d4	40	13.65	34		10	150
			Fluorene-d10	40	18.34	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.51	34		10	130
			Anthracene-d10	40	18.16	45		10	150
			Pyrene-d10	40	18.71	47		10	130
			Benzo(a)pyrene-d12	40	18.97	47		10	140
P4284-09	A4E76	BP022414.D	1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	33.75	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.47	84		10	150
			2-Chlorophenol-d4	40	36.11	90		15	120
			4-Methylphenol-d8	40	34.35	86		10	140
			Nitrobenzene-d5	40	38.17	95		10	135
			2-Nitrophenol-d4	40	39.36	98		10	120
			2,4-Dichlorophenol-d3	40	45.15	113		10	140
			4-Chloroaniline-d4	40	30.67	77		1	145
			Dimethylphthalate-d6	40	40.74	102		10	145
			Acenaphthylene-d8	40	40.49	101		15	120
			4-Nitrophenol-d4	40	36.10	90		10	150
			Fluorene-d10	40	41.07	103		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.89	87		10	130
			Anthracene-d10	40	42.36	106		10	150
			Pyrene-d10	40	43.71	109		10	130
			Benzo(a)pyrene-d12	40	43.45	109		10	140
P4284-09DL	A4E76DL	BP022415.D	1,4-Dioxane-d8	8	5.13	64		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	30.67	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.05	80		10	150
			2-Chlorophenol-d4	40	33.53	84		15	120
			4-Methylphenol-d8	40	30.53	76		10	140
			Nitrobenzene-d5	40	34.94	87		10	135
			2-Nitrophenol-d4	40	35.70	89		10	120

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4284-09DL	A4E76DL	BP022415.D	2,4-Dichlorophenol-d3	40	40.94	102		10	140
			4-Chloroaniline-d4	40	27.30	68		1	145
			Dimethylphthalate-d6	40	38.95	97		10	145
			Acenaphthylene-d8	40	38.04	95		15	120
			4-Nitrophenol-d4	40	30.75	77		10	150
			Fluorene-d10	40	39.28	98		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.25	66		10	130
			Anthracene-d10	40	39.59	99		10	150
			Pyrene-d10	40	41.05	103		10	130
			Benzo(a)pyrene-d12	40	39.97	100		10	140
P4284-11	A4ET1	BP022435.D	1,4-Dioxane-d8	8	1.03	13	*	15	120
			Pyridine-d5	40	1.45	4	*	20	120
			Phenol-d5	40	6.43	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.07	18		10	150
			2-Chlorophenol-d4	40	7.71	19		15	120
			4-Methylphenol-d8	40	2.42	6	*	10	140
			Nitrobenzene-d5	40	7.73	19		10	135
			2-Nitrophenol-d4	40	8.01	20		10	120
			2,4-Dichlorophenol-d3	40	7.39	18		10	140
			4-Chloroaniline-d4	40	0.74	2		1	145
			Dimethylphthalate-d6	40	8.02	20		10	145
			Acenaphthylene-d8	40	7.70	19		15	120
			4-Nitrophenol-d4	40	4.74	12		10	150
			Fluorene-d10	40	8.39	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.60	11		10	130
			Anthracene-d10	40	7.80	19		10	150
			Pyrene-d10	40	6.64	17		10	130
			Benzo(a)pyrene-d12	40	3.99	10		10	140
P4284-12	A4ET2	BP022422.D	Pyridine-d5	40	14.48	36		20	120
			1,4-Dioxane-d8	8	3.06	38		15	120
			Phenol-d5	40	16.87	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.58	41		10	150
			2-Chlorophenol-d4	40	17.70	44		15	120
			4-Methylphenol-d8	40	17.54	44		10	140
			Nitrobenzene-d5	40	17.61	44		10	135
			2-Nitrophenol-d4	40	18.52	46		10	120
			2,4-Dichlorophenol-d3	40	18.18	45		10	140
			4-Chloroaniline-d4	40	16.13	40		1	145
			Dimethylphthalate-d6	40	19.67	49		10	145
			Acenaphthylene-d8	40	19.03	48		15	120
			4-Nitrophenol-d4	40	15.19	38		10	150
			Fluorene-d10	40	19.91	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.03	38		10	130
			Anthracene-d10	40	20.47	51		10	150
			Pyrene-d10	40	20.33	51		10	130
			Benzo(a)pyrene-d12	40	20.88	52		10	140
P4284-13	A4EW3	BP022423.D	1,4-Dioxane-d8	8	0.98	12	*	15	120
			Pyridine-d5	40	1.73	4	*	20	120
			Phenol-d5	40	5.17	13		10	130

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4284-13	A4EW3	BP022423.D	Bis(2-Chloroethyl)ether-d8	40	5.73	14		10	150
			2-Chlorophenol-d4	40	6.06	15		15	120
			4-Methylphenol-d8	40	2.68	7	*	10	140
			Nitrobenzene-d5	40	5.62	14		10	135
			2-Nitrophenol-d4	40	5.79	14		10	120
			2,4-Dichlorophenol-d3	40	5.62	14		10	140
			4-Chloroaniline-d4	40	0.57	1		1	145
			Dimethylphthalate-d6	40	6.45	16		10	145
			Acenaphthylene-d8	40	5.78	14	*	15	120
			4-Nitrophenol-d4	40	3.95	10		10	150
			Fluorene-d10	40	6.63	17	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.75	9	*	10	130
			Anthracene-d10	40	6.13	15		10	150
			Pyrene-d10	40	5.15	13		10	130
			Benzo(a)pyrene-d12	40	3.17	8	*	10	140
P4284-14	A4EW4	BP022428.D	1,4-Dioxane-d8	8	2.23	28		15	120
			Pyridine-d5	40	10.90	27		20	120
			Phenol-d5	40	14.00	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.49	34		10	150
			2-Chlorophenol-d4	40	14.98	37		15	120
			4-Methylphenol-d8	40	14.88	37		10	140
			Nitrobenzene-d5	40	14.66	37		10	135
			2-Nitrophenol-d4	40	15.70	39		10	120
			2,4-Dichlorophenol-d3	40	15.51	39		10	140
			4-Chloroaniline-d4	40	11.22	28		1	145
			Dimethylphthalate-d6	40	16.70	42		10	145
			Acenaphthylene-d8	40	15.63	39		15	120
			4-Nitrophenol-d4	40	11.29	28		10	150
			Fluorene-d10	40	16.67	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.00	30		10	130
			Anthracene-d10	40	17.19	43		10	150
			Pyrene-d10	40	17.36	43		10	130
P4284-15	A4EX6	BP022424.D	Benzo(a)pyrene-d12	40	16.99	42		10	140
			1,4-Dioxane-d8	8	1.28	16		15	120
			Pyridine-d5	40	1.33	3	*	20	120
			Phenol-d5	40	6.72	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.93	20		10	150
			2-Chlorophenol-d4	40	7.78	19		15	120
			4-Methylphenol-d8	40	2.40	6	*	10	140
			Nitrobenzene-d5	40	8.06	20		10	135
			2-Nitrophenol-d4	40	8.37	21		10	120
			2,4-Dichlorophenol-d3	40	7.42	19		10	140
			4-Chloroaniline-d4	40	0.80	2		1	145
			Dimethylphthalate-d6	40	8.74	22		10	145
			Acenaphthylene-d8	40	8.53	21		15	120
			4-Nitrophenol-d4	40	5.31	13		10	150
			Fluorene-d10	40	9.27	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.60	14		10	130
			Anthracene-d10	40	8.65	22		10	150

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4284-15	A4EX6	BP022424.D	Pyrene-d10	40	7.18	18		10	130
			Benzo(a)pyrene-d12	40	4.39	11		10	140
P4284-16	A4EX7	BP022425.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Pyridine-d5	40	11.33	28		20	120
			Phenol-d5	40	15.64	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.25	38		10	150
			2-Chlorophenol-d4	40	16.89	42		15	120
			4-Methylphenol-d8	40	16.68	42		10	140
			Nitrobenzene-d5	40	17.53	44		10	135
			2-Nitrophenol-d4	40	18.34	46		10	120
			2,4-Dichlorophenol-d3	40	18.07	45		10	140
			4-Chloroaniline-d4	40	14.63	37		1	145
			Dimethylphthalate-d6	40	20.33	51		10	145
			Acenaphthylene-d8	40	19.40	49		15	120
			4-Nitrophenol-d4	40	14.22	36		10	150
			Fluorene-d10	40	20.78	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.87	37		10	130
			Anthracene-d10	40	20.98	52		10	150
			Pyrene-d10	40	21.55	54		10	130
			Benzo(a)pyrene-d12	40	21.46	54		10	140
P4284-17	A4EY3	BP022426.D	1,4-Dioxane-d8	8	2.14	27		15	120
			Pyridine-d5	40	9.89	25		20	120
			Phenol-d5	40	12.22	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.79	29		10	150
			2-Chlorophenol-d4	40	13.18	33		15	120
			4-Methylphenol-d8	40	12.45	31		10	140
			Nitrobenzene-d5	40	13.23	33		10	135
			2-Nitrophenol-d4	40	13.78	34		10	120
			2,4-Dichlorophenol-d3	40	13.55	34		10	140
			4-Chloroaniline-d4	40	12.11	30		1	145
			Dimethylphthalate-d6	40	14.23	36		10	145
			Acenaphthylene-d8	40	14.16	35		15	120
			4-Nitrophenol-d4	40	10.26	26		10	150
			Fluorene-d10	40	14.94	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.80	22		10	130
			Anthracene-d10	40	14.85	37		10	150
			Pyrene-d10	40	14.87	37		10	130
			Benzo(a)pyrene-d12	40	15.00	37		10	140
P4284-18	A4EZ3	BP022429.D	1,4-Dioxane-d8	8	1.27	16		15	120
			Pyridine-d5	40	1.38	3	*	20	120
			Phenol-d5	40	6.90	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.00	20		10	150
			2-Chlorophenol-d4	40	8.04	20		15	120
			4-Methylphenol-d8	40	5.00	12		10	140
			Nitrobenzene-d5	40	8.25	21		10	135
			2-Nitrophenol-d4	40	8.97	22		10	120
			2,4-Dichlorophenol-d3	40	8.38	21		10	140
			4-Chloroaniline-d4	40	0.62	2		1	145
			Dimethylphthalate-d6	40	9.15	23		10	145

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4284-18	A4EZ3	BP022429.D	Acenaphthylene-d8	40	9.07	23		15	120
			4-Nitrophenol-d4	40	5.57	14		10	150
			Fluorene-d10	40	9.50	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.24	16		10	130
			Anthracene-d10	40	9.50	24		10	150
			Pyrene-d10	40	7.54	19		10	130
			Benzo(a)pyrene-d12	40	4.47	11		10	140
P4284-19	A4EZ4	BP022434.D	1,4-Dioxane-d8	8	2.48	31		15	120
			Pyridine-d5	40	11.26	28		20	120
			Phenol-d5	40	15.63	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.70	39		10	150
			2-Chlorophenol-d4	40	16.95	42		15	120
			4-Methylphenol-d8	40	16.89	42		10	140
			Nitrobenzene-d5	40	17.91	45		10	135
			2-Nitrophenol-d4	40	18.89	47		10	120
			2,4-Dichlorophenol-d3	40	18.90	47		10	140
			4-Chloroaniline-d4	40	14.32	36		1	145
			Dimethylphthalate-d6	40	19.34	48		10	145
			Acenaphthylene-d8	40	19.30	48		15	120
			4-Nitrophenol-d4	40	15.31	38		10	150
			Fluorene-d10	40	20.18	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.69	37		10	130
			Anthracene-d10	40	20.27	51		10	150
			Pyrene-d10	40	20.38	51		10	130
			Benzo(a)pyrene-d12	40	20.25	51		10	140
			1,4-Dioxane-d8	8	2.88	36		15	120
			Pyridine-d5	40	12.43	31		20	120
			Phenol-d5	40	15.02	38		10	130
P4284-20	A4EZ9	BP022427.D	Bis(2-Chloroethyl)ether-d8	40	14.48	36		10	150
			2-Chlorophenol-d4	40	16.59	41		15	120
			4-Methylphenol-d8	40	15.49	39		10	140
			Nitrobenzene-d5	40	16.87	42		10	135
			2-Nitrophenol-d4	40	17.71	44		10	120
			2,4-Dichlorophenol-d3	40	17.43	44		10	140
			4-Chloroaniline-d4	40	15.36	38		1	145
			Dimethylphthalate-d6	40	19.28	48		10	145
			Acenaphthylene-d8	40	18.43	46		15	120
			4-Nitrophenol-d4	40	14.94	37		10	150
			Fluorene-d10	40	19.36	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.54	36		10	130
			Anthracene-d10	40	19.83	50		10	150
			Pyrene-d10	40	19.85	50		10	130
			Benzo(a)pyrene-d12	40	19.89	50		10	140
		BP022417.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Pyridine-d5	40	22.31	56		20	120
		BP022411.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Pyridine-d5	40	21.99	55		20	120
		BP022417.D	Phenol-d5	40	22.86	57		10	130
			Phenol-d5	40	22.62	57		10	130

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163941BL	PB163941BL	BP022417.D	Bis(2-Chloroethyl)ether-d8	40	23.15	58		10	150
		BP022411.D	Bis(2-Chloroethyl)ether-d8	40	23.53	59		10	150
			2-Chlorophenol-d4	40	24.52	61		15	120
		BP022417.D	2-Chlorophenol-d4	40	24.36	61		15	120
			4-Methylphenol-d8	40	22.97	57		10	140
		BP022411.D	4-Methylphenol-d8	40	22.49	56		10	140
			Nitrobenzene-d5	40	25.60	64		10	135
		BP022417.D	Nitrobenzene-d5	40	24.99	62		10	135
			2-Nitrophenol-d4	40	26.05	65		10	120
		BP022411.D	2-Nitrophenol-d4	40	26.32	66		10	120
			2,4-Dichlorophenol-d3	40	23.38	58		10	140
		BP022417.D	2,4-Dichlorophenol-d3	40	23.03	58		10	140
			4-Chloroaniline-d4	40	23.87	60		1	145
		BP022411.D	4-Chloroaniline-d4	40	23.75	59		1	145
			Dimethylphthalate-d6	40	25.19	63		10	145
		BP022417.D	Dimethylphthalate-d6	40	25.91	65		10	145
			Acenaphthylene-d8	40	24.53	61		15	120
		BP022411.D	Acenaphthylene-d8	40	24.13	60		15	120
			4-Nitrophenol-d4	40	21.14	53		10	150
		BP022417.D	4-Nitrophenol-d4	40	20.55	51		10	150
			Fluorene-d10	40	24.45	61		20	140
		BP022411.D	Fluorene-d10	40	24.27	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.91	55		10	130
		BP022417.D	4,6-Dinitro-2-methylphenol-d2	40	21.90	55		10	130
			Anthracene-d10	40	25.12	63		10	150
		BP022411.D	Anthracene-d10	40	25.81	65		10	150
			Pyrene-d10	40	25.22	63		10	130
		BP022417.D	Pyrene-d10	40	26.11	65		10	130
			Benzo(a)pyrene-d12	40	25.24	63		10	140
		BP022411.D	Benzo(a)pyrene-d12	40	25.91	65		10	140
PB163941BS	PB163941BS	BP022431.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	22.51	56		20	120
			Phenol-d5	40	24.89	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.19	60		10	150
			2-Chlorophenol-d4	40	26.51	66		15	120
			4-Methylphenol-d8	40	25.19	63		10	140
			Nitrobenzene-d5	40	23.93	60		10	135
			2-Nitrophenol-d4	40	24.82	62		10	120
			2,4-Dichlorophenol-d3	40	27.63	69		10	140
			4-Chloroaniline-d4	40	24.56	61		1	145
			Dimethylphthalate-d6	40	25.84	65		10	145
			Acenaphthylene-d8	40	26.00	65		15	120
			4-Nitrophenol-d4	40	24.18	60		10	150
			Fluorene-d10	40	25.86	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.60	62		10	130
			Anthracene-d10	40	25.74	64		10	150
			Pyrene-d10	40	26.90	67		10	130
			Benzo(a)pyrene-d12	40	26.53	66		10	140

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4329-02	A4E79	BP022412.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	26.14	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.92	65		10	150
			2-Chlorophenol-d4	40	27.65	69		15	120
			4-Methylphenol-d8	40	27.62	69		10	140
			Nitrobenzene-d5	40	28.56	71		10	135
			2-Nitrophenol-d4	40	30.07	75		10	120
			2,4-Dichlorophenol-d3	40	35.00	88		10	140
			4-Chloroaniline-d4	40	21.79	54		1	145
			Dimethylphthalate-d6	40	31.56	79		10	145
			Acenaphthylene-d8	40	31.24	78		15	120
			4-Nitrophenol-d4	40	26.39	66		10	150
			Fluorene-d10	40	32.45	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.33	66		10	130
			Anthracene-d10	40	32.70	82		10	150
			Pyrene-d10	40	31.53	79		10	130
			Benzo(a)pyrene-d12	40	32.67	82		10	140
P4329-02DL	A4E79DL	BP022413.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.50	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.86	62		10	150
			2-Chlorophenol-d4	40	25.77	64		15	120
			4-Methylphenol-d8	40	23.68	59		10	140
			Nitrobenzene-d5	40	26.25	66		10	135
			2-Nitrophenol-d4	40	26.97	67		10	120
			2,4-Dichlorophenol-d3	40	31.31	78		10	140
			4-Chloroaniline-d4	40	19.54	49		1	145
			Dimethylphthalate-d6	40	29.13	73		10	145
			Acenaphthylene-d8	40	28.73	72		15	120
			4-Nitrophenol-d4	40	21.67	54		10	150
			Fluorene-d10	40	29.60	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.81	50		10	130
			Anthracene-d10	40	29.48	74		10	150
			Pyrene-d10	40	30.04	75		10	130
			Benzo(a)pyrene-d12	40	29.44	74		10	140
P4329-03	A4EG4	BP022439.D	1,4-Dioxane-d8	8	2.22	28		15	120
			Pyridine-d5	40	10.90	27		20	120
			Phenol-d5	40	12.88	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.57	31		10	150
			2-Chlorophenol-d4	40	14.29	36		15	120
			4-Methylphenol-d8	40	13.35	33		10	140
			Nitrobenzene-d5	40	14.56	36		10	135
			2-Nitrophenol-d4	40	15.63	39		10	120
			2,4-Dichlorophenol-d3	40	15.27	38		10	140
			4-Chloroaniline-d4	40	13.79	34		1	145
			Dimethylphthalate-d6	40	15.45	39		10	145
			Acenaphthylene-d8	40	15.43	39		15	120
			4-Nitrophenol-d4	40	10.90	27		10	150

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4329-03	A4EG4	BP022439.D	Fluorene-d10	40	16.18	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.81	25		10	130
			Anthracene-d10	40	17.01	43		10	150
			Pyrene-d10	40	16.97	42		10	130
			Benzo(a)pyrene-d12	40	17.05	43		10	140
P4329-04	A4EG5	BP022430.D	1,4-Dioxane-d8	8	2.25	28		15	120
			Pyridine-d5	40	10.96	27		20	120
			Phenol-d5	40	13.32	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.11	33		10	150
			2-Chlorophenol-d4	40	14.63	37		15	120
			4-Methylphenol-d8	40	14.42	36		10	140
			Nitrobenzene-d5	40	15.60	39		10	135
			2-Nitrophenol-d4	40	15.75	39		10	120
			2,4-Dichlorophenol-d3	40	15.81	40		10	140
			4-Chloroaniline-d4	40	15.28	38		1	145
			Dimethylphthalate-d6	40	17.13	43		10	145
			Acenaphthylene-d8	40	16.70	42		15	120
			4-Nitrophenol-d4	40	13.13	33		10	150
			Fluorene-d10	40	17.44	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.27	28		10	130
			Anthracene-d10	40	17.62	44		10	150
			Pyrene-d10	40	18.56	46		10	130
			Benzo(a)pyrene-d12	40	17.91	45		10	140
P4329-05	A4EG8	BP022437.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	14.56	36		20	120
			Phenol-d5	40	16.56	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.36	43		10	150
			2-Chlorophenol-d4	40	17.97	45		15	120
			4-Methylphenol-d8	40	17.35	43		10	140
			Nitrobenzene-d5	40	18.49	46		10	135
			2-Nitrophenol-d4	40	19.62	49		10	120
			2,4-Dichlorophenol-d3	40	18.32	46		10	140
			4-Chloroaniline-d4	40	17.84	45		1	145
			Dimethylphthalate-d6	40	20.42	51		10	145
			Acenaphthylene-d8	40	20.53	51		15	120
			4-Nitrophenol-d4	40	16.10	40		10	150
			Fluorene-d10	40	20.92	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.02	35		10	130
			Anthracene-d10	40	21.99	55		10	150
			Pyrene-d10	40	22.58	56		10	130
			Benzo(a)pyrene-d12	40	22.19	55		10	140
P4329-08	A4EN5	BP022438.D	1,4-Dioxane-d8	8	2.63	33		15	120
			Pyridine-d5	40	12.85	32		20	120
			Phenol-d5	40	15.28	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.45	39		10	150
			2-Chlorophenol-d4	40	16.34	41		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	17.03	43		10	135
			2-Nitrophenol-d4	40	17.75	44		10	120

Surrogate Summary

SW-846

SDG No.: BP101624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4329-08	A4EN5	BP022438.D	2,4-Dichlorophenol-d3	40	17.14	43		10	140
			4-Chloroaniline-d4	40	16.44	41		1	145
			Dimethylphthalate-d6	40	18.34	46		10	145
			Acenaphthylene-d8	40	18.29	46		15	120
			4-Nitrophenol-d4	40	14.05	35		10	150
			Fluorene-d10	40	18.54	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.39	31		10	130
			Anthracene-d10	40	18.84	47		10	150
			Pyrene-d10	40	19.79	49		10	130
			Benzo(a)pyrene-d12	40	18.63	47		10	140
P4329-17	A4FB6	BP022436.D	1,4-Dioxane-d8	8	1.43	18		15	120
			Pyridine-d5	40	1.23	3	*	20	120
			Phenol-d5	40	8.83	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.42	24		10	150
			2-Chlorophenol-d4	40	9.98	25		15	120
			4-Methylphenol-d8	40	4.97	12		10	140
			Nitrobenzene-d5	40	10.65	27		10	135
			2-Nitrophenol-d4	40	10.77	27		10	120
			2,4-Dichlorophenol-d3	40	10.17	25		10	140
			4-Chloroaniline-d4	40	3.32	8		1	145
			Dimethylphthalate-d6	40	11.05	28		10	145
			Acenaphthylene-d8	40	10.45	26		15	120
			4-Nitrophenol-d4	40	7.11	18		10	150
			Fluorene-d10	40	11.12	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.54	16		10	130
			Anthracene-d10	40	11.12	28		10	150
			Pyrene-d10	40	8.41	21		10	130
			Benzo(a)pyrene-d12	40	4.99	12		10	140
PB163982BL	PB163982BL	BP022433.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	22.12	55		20	120
			Phenol-d5	40	22.09	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.79	57		10	150
			2-Chlorophenol-d4	40	24.36	61		15	120
			4-Methylphenol-d8	40	22.24	56		10	140
			Nitrobenzene-d5	40	24.28	61		10	135
			2-Nitrophenol-d4	40	25.62	64		10	120
			2,4-Dichlorophenol-d3	40	23.44	59		10	140
			4-Chloroaniline-d4	40	22.87	57		1	145
			Dimethylphthalate-d6	40	24.95	62		10	145
			Acenaphthylene-d8	40	24.04	60		15	120
			4-Nitrophenol-d4	40	20.24	51		10	150
			Fluorene-d10	40	24.51	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.65	49		10	130
			Anthracene-d10	40	24.67	62		10	150
			Pyrene-d10	40	25.05	63		10	130
			Benzo(a)pyrene-d12	40	25.48	64		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101624

Lab Code: CHEM

SAS No.: BP101624 SDG NO.: BP101624

Lab File ID: BP022409.D

DFTPP Injection Date: 10/16/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.8
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	36.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	78.5
443	15.0 - 24.0% of mass 442	15.4 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020656	SSTDCCC020	BP022410.D	10/16/2024	10:39
SBLK941	PB163941BL	BP022411.D	10/16/2024	11:19
A4E79	P4329-02	BP022412.D	10/16/2024	12:00
A4E79DL	P4329-02DL	BP022413.D	10/16/2024	13:29
A4E76	P4284-09	BP022414.D	10/16/2024	14:09
A4E76DL	P4284-09DL	BP022415.D	10/16/2024	15:48
SSTD020657	SSTDCCC020	BP022416.D	10/16/2024	16:28
SBLK941	PB163941BL	BP022417.D	10/16/2024	17:09
A4EQ1	P4284-01	BP022418.D	10/16/2024	17:50
A4EQ3	P4284-02	BP022419.D	10/16/2024	18:30
A4EQ4	P4284-03	BP022420.D	10/16/2024	19:11
A4EQ5	P4284-04	BP022421.D	10/16/2024	19:51
A4ET2	P4284-12	BP022422.D	10/16/2024	20:32
A4EW3	P4284-13	BP022423.D	10/16/2024	21:12
A4EX6	P4284-15	BP022424.D	10/16/2024	21:53
A4EX7	P4284-16	BP022425.D	10/16/2024	22:33
A4EY3	P4284-17	BP022426.D	10/16/2024	23:14
A4EZ9	P4284-20	BP022427.D	10/16/2024	23:54

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101624

Lab Code: CHEM

SAS No.: BP101624 SDG NO.: BP101624

Lab File ID: BP022409.D

DFTPP Injection Date: 10/16/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.8
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	29.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	36.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	78.5
443	15.0 - 24.0% of mass 442	15.4 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4EW4	P4284-14	BP022428.D	10/17/2024	00:35
A4EZ3	P4284-18	BP022429.D	10/17/2024	01:15
A4EG5	P4329-04	BP022430.D	10/17/2024	01:56
SLCS941	PB163941BS	BP022431.D	10/17/2024	02:36
SSTD020658	SSTDCCC020	BP022432.D	10/17/2024	03:17
SBLK982	PB163982BL	BP022433.D	10/17/2024	04:38
A4EZ4	P4284-19	BP022434.D	10/17/2024	05:19
A4ET1	P4284-11	BP022435.D	10/17/2024	05:59
A4FB6	P4329-17	BP022436.D	10/17/2024	06:40
A4EG8	P4329-05	BP022437.D	10/17/2024	07:20
A4EN5	P4329-08	BP022438.D	10/17/2024	08:01
A4EG4	P4329-03	BP022439.D	10/17/2024	08:41