

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3447

Instrument ID: BNA_F

Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D			RRF005 = BF144057.D		RRF010 = BF144058.D	
		RRF020 = BF144059.D			RRF040 = BF144060.D		RRF050 = BF144061.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.324	1.322	1.328	1.303	1.163	1.264	7.8
Benzaldehyde			1.093	0.965	1.043	0.959	1.084	15.3
Phenol-d6		1.548	1.443	1.481	1.408	1.289	1.396	8.6
Phenol		1.896	1.860	1.820	1.736	1.575	1.722	9.4
bis(2-Chloroethyl) ether		1.406	1.278	1.285	1.248	1.128	1.245	8.7
2-Chlorophenol		1.398	1.310	1.306	1.251	1.124	1.245	9.2
2-Methylphenol		1.052	1.010	1.032	0.931	0.874	0.957	8.9
2,2-oxybis(1-Chloropropane)		2.561	2.432	2.505	2.376	2.149	2.339	8.1
Acetophenone		0.473	0.459	0.433	0.437	0.397	0.432	8.4
3+4-Methylphenols			1.270	1.190	1.167	1.036	1.132	9.7
n-Nitroso-di-n-propylamine	0.900	0.971	0.972	0.949	0.876	0.801	0.903	7.6
Nitrobenzene-d5		0.377	0.378	0.374	0.368	0.335	0.365	6.5
Hexachloroethane		0.553	0.544	0.569	0.544	0.506	0.541	7.2
Nitrobenzene		0.395	0.384	0.404	0.392	0.360	0.386	6.0
Isophorone		0.665	0.662	0.645	0.643	0.584	0.638	6.3
2-Nitrophenol		0.190	0.184	0.196	0.191	0.167	0.184	7.0
2,4-Dimethylphenol		0.289	0.279	0.262	0.287	0.254	0.273	6.7
bis(2-Chloroethoxy) methane		0.430	0.408	0.413	0.404	0.365	0.398	7.2
2,4-Dichlorophenol		0.334	0.345	0.325	0.323	0.293	0.317	7.8
Naphthalene		1.054	1.002	0.962	0.965	0.852	0.944	9.7
4-Chloroaniline		0.332	0.356	0.349	0.336	0.298	0.329	8.1
Hexachlorobutadiene		0.279	0.276	0.274	0.270	0.241	0.267	8.2
Caprolactam			0.078	0.082	0.085	0.072	0.080	7.0
4-Chloro-3-methylphenol		0.302	0.289	0.285	0.282	0.257	0.280	7.0
2-Methylnaphthalene		0.718	0.654	0.631	0.644	0.549	0.622	10.6
Hexachlorocyclopentadiene			0.148	0.208	0.218	0.205	0.212	18.9
2,4,6-Trichlorophenol		0.430	0.447	0.480	0.473	0.427	0.447	8.0
2-Fluorobiphenyl		1.654	1.503	1.411	1.451	1.291	1.421	11.0
2,4,5-Trichlorophenol		0.488	0.485	0.484	0.467	0.427	0.469	7.2
1,1-Biphenyl		1.613	1.533	1.441	1.472	1.317	1.432	10.1
2-Chloronaphthalene		1.336	1.264	1.233	1.222	1.101	1.199	9.7
2-Nitroaniline		0.325	0.359	0.368	0.380	0.333	0.356	8.0
Dimethylphthalate		1.398	1.328	1.332	1.366	1.219	1.311	7.1
Acenaphthylene		1.780	1.693	1.664	1.703	1.476	1.617	9.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3447

Instrument ID: BNA_F

Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D			RRF005 = BF144057.D		RRF010 = BF144058.D	
		RRF020 = BF144059.D			RRF040 = BF144060.D		RRF050 = BF144061.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.228	0.257	0.275	0.276	0.252	0.259	8.3
3-Nitroaniline		0.276	0.294	0.293	0.322	0.281	0.288	7.8
Acenaphthene		1.125	1.153	1.134	1.114	0.999	1.080	8.2
2,4-Dinitrophenol			0.161	0.162	0.124	0.116	0.140	13.4
4-Nitrophenol			0.224	0.199	0.187	0.175	0.195	8.9
Dibenzofuran		1.685	1.572	1.512	1.559	1.391	1.499	9.5
2,4-Dinitrotoluene		0.302	0.343	0.370	0.385	0.336	0.350	9.4
Diethylphthalate		1.286	1.264	1.244	1.290	1.145	1.233	7.0
4-Chlorophenyl-phenylether		0.706	0.667	0.656	0.675	0.591	0.643	9.5
Fluorene		1.359	1.169	1.133	1.188	1.041	1.143	11.3
4-Nitroaniline		0.262	0.266	0.275	0.296	0.260	0.273	6.7
4,6-Dinitro-2-methylphenol			0.133	0.151	0.123	0.115	0.128	10.6
n-Nitrosodiphenylamine		0.716	0.666	0.657	0.643	0.590	0.639	8.8
2,4,6-Tribromophenol		0.251	0.249	0.256	0.262	0.241	0.255	6.8
4-Bromophenyl-phenylether		0.274	0.256	0.247	0.260	0.230	0.250	8.5
Hexachlorobenzene		0.311	0.338	0.309	0.321	0.275	0.307	8.6
Atrazine		0.229	0.223	0.218	0.208	0.185	0.210	11.5
Pentachlorophenol			0.123	0.149	0.150	0.143	0.146	9.9
Phenanthrene		1.073	1.040	1.009	1.017	0.918	0.994	7.9
Anthracene		1.171	1.077	1.029	1.053	0.932	1.026	10.0
Carbazole		0.943	0.920	0.883	0.905	0.818	0.874	8.2
Di-n-butylphthalate		1.090	1.091	1.116	1.118	1.002	1.071	6.6
Fluoranthene		1.171	1.151	1.121	1.123	0.997	1.098	7.9
Pyrene		1.603	1.466	1.426	1.521	1.295	1.438	9.1
Terphenyl-d14		1.280	1.134	1.121	1.212	1.002	1.144	9.4
Butylbenzylphthalate		0.508	0.542	0.566	0.601	0.494	0.544	8.2
3,3-Dichlorobenzidine			0.469	0.485	0.510	0.404	0.470	10.2
Benzo (a) anthracene		1.341	1.322	1.359	1.516	1.206	1.352	8.8
Chrysene		1.330	1.263	1.253	1.319	1.179	1.268	5.9
Bis (2-ethylhexyl) phthalate		0.745	0.725	0.761	0.795	0.690	0.743	7.0
Di-n-octyl phthalate			1.228	1.295	1.399	1.179	1.277	7.6
Benzo (b) fluoranthene		1.134	1.108	1.153	1.264	1.055	1.131	6.4
Benzo (k) fluoranthene		1.206	1.077	1.010	1.059	0.906	1.043	11.4
Benzo (a) pyrene		1.049	0.990	1.036	1.089	0.942	1.014	6.9
Indeno (1,2,3-cd) pyrene		1.351	1.331	1.394	1.477	1.295	1.373	6.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3447

Instrument ID: BNA_F

Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D		RRF005 = BF144057.D		RRF010 = BF144058.D		
		RRF020 = BF144059.D		RRF040 = BF144060.D		RRF050 = BF144061.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo (a,h) anthracene		1.058	1.061	1.107	1.166	1.024	1.087	6.7
Benzo (g,h,i) perylene		1.051	1.051	1.124	1.195	1.023	1.093	7.1
1,2,4,5-Tetrachlorobenzene		0.777	0.707	0.693	0.707	0.629	0.687	9.2
1,4-Dioxane		0.723	0.494	0.485	0.550	0.519	0.546	15.6
2,3,4,6-Tetrachlorophenol		0.317	0.318	0.333	0.360	0.322	0.330	7.5