284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: BNA_F Calibration Date(s): 09/23/2025 09/23/2025

Calibration Time(s): 10:28 15:27

LAB FILE ID: RRF2.5 = BF143791.D RRF005 = BF143792.D RRF010 = BF143793.D
RRF020 = BF143794.D RRF040 = BF143795.D RRF050 = BF143796.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol			1.258	1.326	1.329	1.156	1.231	7.1
Benzaldehyde			1.066	0.952	1.467	1.327	1.246	18.8
Phenol-d6			1.507	1.530	1.523	1.336	1.422	7.9
Phenol		1.762	1.708	1.737	1.748	1.534	1.653	7.1
bis(2-Chloroethyl)ether		1.387	1.321	1.347	1.367	1.223	1.296	6.5
2-Chlorophenol		1.304	1.254	1.329	1.335	1.209	1.260	5.5
2-Methylphenol		1.033	0.992	1.009	1.021	0.938	0.976	5.5
2,2-oxybis(1-Chloropropane)		3.320	3.136	3.224	3.231	2.896	3.073	6.9
Acetophenone		0.500	0.466	0.468	0.463	0.401	0.439	10.5
3+4-Methylphenols			1.278	1.256	1.271	1.137	1.185	8.6
n-Nitroso-di-n-propylamine	1.078	0.991	0.932	0.926	0.914	0.842	0.915	10.3
Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.327	5.4
Hexachloroethane		0.555	0.512	0.543	0.543	0.482	0.514	6.6
Nitrobenzene		0.362	0.354	0.369	0.389	0.357	0.362	4.0
Isophorone		0.667	0.636	0.649	0.673	0.624	0.637	5.1
2-Nitrophenol		0.089	0.104	0.125	0.148	0.150	0.132	20.1
2,4-Dimethylphenol		0.292	0.280	0.291	0.303	0.280	0.285	4.6
bis(2-Chloroethoxy)methane		0.455	0.430	0.430	0.437	0.393	0.414	8.0
2,4-Dichlorophenol		0.277	0.286	0.288	0.298	0.273	0.280	4.4
Naphthalene		1.058	1.021	1.020	1.003	0.887	0.957	9.3
4-Chloroaniline		0.360	0.347	0.353	0.355	0.323	0.336	7.0
Hexachlorobutadiene		0.227	0.219	0.223	0.233	0.206	0.217	5.6
Caprolactam			0.066	0.069	0.075	0.074	0.072	5.5
4-Chloro-3-methylphenol		0.271	0.260	0.271	0.276	0.261	0.263	4.8
2-Methylnaphthalene		0.685	0.650	0.643	0.635	0.568	0.611	9.5
Hexachlorocyclopentadiene			0.336	0.371	0.418	0.382	0.383	7.3
2,4,6-Trichlorophenol		0.344	0.358	0.386	0.422	0.379	0.378	6.7
2-Fluorobiphenyl			1.476	1.460	1.351	1.154	1.282	13.1
2,4,5-Trichlorophenol		0.371	0.391	0.419	0.423	0.380	0.395	5.1
1,1-Biphenyl		1.608	1.541	1.564	1.495	1.331	1.448	9.4
2-Chloronaphthalene		1.283	1.223	1.243	1.215	1.077	1.165	8.4
2-Nitroaniline		0.241	0.305	0.355	0.400	0.380	0.352	16.8
Dimethylphthalate		1.275	1.233	1.252	1.286	1.173	1.219	4.9
Acenaphthylene		1.729	1.659	1.700	1.691	1.499	1.604	7.3

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: BNA_F Calibration Date(s): 09/23/2025 09/23/2025

Calibration Time(s): 10:28 15:27

LAB FILE ID: RRF2.5 = BF143791.D RRF005 = BF143792.D RRF010 = BF143793.D
RRF020 = BF143794.D RRF040 = BF143795.D RRF050 = BF143796.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.138	0.161	0.198	0.228	0.224	0.200	18.4
3-Nitroaniline		0.171	0.210	0.245	0.283	0.259	0.243	16.1
Acenaphthene		1.134	1.121	1.123	1.109	0.974	1.056	7.9
2,4-Dinitrophenol			0.052	0.040	0.063	0.066	0.064	25.2
4-Nitrophenol			0.197	0.169	0.208	0.193	0.196	7.4
Dibenzofuran		1.649	1.551	1.590	1.561	1.377	1.493	8.3
2,4-Dinitrotoluene		0.151	0.210	0.254	0.307	0.295	0.261	23.2
Diethylphthalate		1.158	1.170	1.174	1.211	1.100	1.141	4.4
4-Chlorophenyl-phenylether		0.621	0.592	0.601	0.590	0.528	0.566	8.1
Fluorene		1.275	1.210	1.190	1.147	1.005	1.110	11.3
4-Nitroaniline		0.162	0.204	0.228	0.264	0.242	0.228	15.3
4,6-Dinitro-2-methylphenol			0.045	0.047	0.070	0.074	0.067	26.0
n-Nitrosodiphenylamine		0.707	0.675	0.688	0.682	0.621	0.658	6.3
2,4,6-Tribromophenol			0.303	0.324	0.328	0.281	0.296	8.8
4-Bromophenyl-phenylether		0.344	0.333	0.349	0.361	0.334	0.341	3.5
Hexachlorobenzene		0.492	0.470	0.488	0.492	0.447	0.470	4.8
Atrazine		0.178	0.191	0.198	0.211	0.186	0.190	5.6
Pentachlorophenol			0.180	0.216	0.256	0.239	0.234	13.2
Phenanthrene		1.145	1.066	1.071	1.082	0.948	1.027	8.3
Anthracene		1.096	1.069	1.088	1.083	0.965	1.030	6.7
Carbazole		0.916	0.931	0.949	0.976	0.839	0.901	6.2
Di-n-butylphthalate		0.940	1.008	1.075	1.157	1.019	1.036	6.5
Fluoranthene		1.019	1.046	1.099	1.144	0.953	1.033	6.8
Pyrene		1.038	0.982	0.991	1.005	0.990	0.983	5.5
Terphenyl-d14			1.044	1.013	1.022	0.981	0.983	7.0
Butylbenzylphthalate		0.251	0.298	0.335	0.391	0.367	0.340	14.7
3,3-Dichlorobenzidine			0.426	0.465	0.497	0.459	0.465	5.1
Benzo(a)anthracene		1.109	1.081	1.083	1.148	1.040	1.074	4.6
Chrysene		1.041	0.985	0.996	1.018	0.909	0.972	5.2
Bis(2-ethylhexyl)phthalate		0.428	0.477	0.514	0.558	0.505	0.499	8.0
Di-n-octyl phthalate			0.767	0.877	1.013	0.902	0.905	9.0
Benzo(b)fluoranthene		0.987	1.004	1.029	1.104	1.002	1.019	3.9
Benzo(k)fluoranthene		1.061	1.004	1.080	1.089	0.996	1.023	6.2
Benzo(a)pyrene		0.928	0.920	0.989	1.027	0.949	0.957	4.2
Indeno(1,2,3-cd)pyrene		1.483	1.426	1.580	1.608	1.509	1.517	4.3

All other compounds must meet a minimum RRF of 0.010.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: BNA_F Calibration Date(s): 09/23/2025 09/23/2025

Calibration Time(s): 10:28 15:27

LAB FILE ID: RRF2.5 = BF143791.D RRF005 = BF143792.D RRF010 = BF143793.D
RRF020 = BF143794.D RRF040 = BF143795.D RRF050 = BF143796.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.207	1.187	1.302	1.332	1.237	1.241	4.9
Benzo(g,h,i)perylene		1.134	1.116	1.234	1.279	1.200	1.196	5.0
1,2,4,5-Tetrachlorobenzene		0.657	0.634	0.636	0.628	0.559	0.604	7.4
1,4-Dioxane		0.594	0.575	0.598	0.640	0.558	0.589	4.4
2,3,4,6-Tetrachlorophenol		0.272	0.309	0.349	0.373	0.355	0.339	10.5

All other compounds must meet a minimum RRF of 0.010.