

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG No.: Q2600

Instrument ID: BNA_F

Calibration Date(s): 07/15/2025 07/15/2025

Calibration Time(s): 13:04 16:35

LAB FILE ID:		RRF2.5 = BF143093.D			RRF005 = BF143094.D		RRF010 = BF143095.D	
		RRF020 = BF143096.D			RRF040 = BF143097.D		RRF050 = BF143098.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.334	1.272	1.315	1.255	1.305	1.266	5.0
Benzaldehyde			1.196	1.149	1.451	1.452	1.212	18.2
Phenol-d6		1.685	1.616	1.640	1.565	1.643	1.591	5.1
Phenol		1.766	1.742	1.782	1.709	1.780	1.723	4.1
bis(2-Chloroethyl) ether		1.425	1.363	1.366	1.309	1.371	1.334	5.3
2-Chlorophenol		1.239	1.208	1.321	1.273	1.363	1.272	4.5
2-Methylphenol		1.132	1.081	1.124	1.083	1.150	1.098	3.6
2,2-oxybis(1-Chloropropane)		2.713	2.532	2.528	2.405	2.517	2.458	7.0
Acetophenone		0.538	0.516	0.500	0.469	0.482	0.482	8.3
3+4-Methylphenols			1.399	1.419	1.356	1.421	1.346	6.7
n-Nitroso-di-n-propylamine	0.956	1.029	0.988	1.002	0.964	1.017	0.975	4.4
Nitrobenzene-d5		0.283	0.319	0.363	0.372	0.399	0.357	11.6
Hexachloroethane		0.465	0.440	0.486	0.472	0.500	0.471	4.2
Nitrobenzene		0.282	0.317	0.357	0.356	0.385	0.344	9.9
Isophorone		0.705	0.688	0.697	0.678	0.718	0.689	3.1
2-Nitrophenol		0.063	0.075	0.106	0.120	0.141	0.114	30.0
2,4-Dimethylphenol		0.325	0.322	0.326	0.320	0.332	0.320	3.4
bis(2-Chloroethoxy) methane		0.444	0.434	0.435	0.409	0.424	0.418	5.6
2,4-Dichlorophenol		0.237	0.254	0.267	0.267	0.280	0.262	5.4
Naphthalene		1.099	1.048	1.037	0.966	0.987	0.993	7.5
4-Chloroaniline		0.420	0.420	0.414	0.398	0.409	0.399	6.1
Hexachlorobutadiene		0.185	0.176	0.183	0.177	0.182	0.178	4.1
Caprolactam			0.073	0.078	0.083	0.087	0.082	6.4
4-Chloro-3-methylphenol		0.285	0.290	0.296	0.293	0.307	0.291	3.3
2-Methylnaphthalene		0.644	0.626	0.615	0.580	0.597	0.592	6.9
Hexachlorocyclopentadiene			0.254	0.306	0.323	0.356	0.323	12.2
2,4,6-Trichlorophenol		0.300	0.312	0.377	0.376	0.400	0.362	10.9
2-Fluorobiphenyl		1.777	1.645	1.602	1.456	1.460	1.505	12.2
2,4,5-Trichlorophenol		0.336	0.367	0.390	0.393	0.418	0.380	6.6
1,1-Biphenyl		1.750	1.687	1.671	1.567	1.610	1.595	7.8
2-Chloronaphthalene		1.271	1.203	1.206	1.159	1.195	1.172	6.1
2-Nitroaniline		0.180	0.224	0.296	0.328	0.372	0.303	24.5
Dimethylphthalate		1.310	1.259	1.292	1.257	1.302	1.258	4.0
Acenaphthylene		2.060	2.011	2.034	1.959	1.989	1.952	5.6

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: TACO01

Lab Code: ACE

SDG No.: Q2600

Instrument ID: BNA_F

Calibration Date(s): 07/15/2025 07/15/2025

Calibration Time(s): 13:04 16:35

LAB FILE ID:		RRF2.5 = BF143093.D			RRF005 = BF143094.D		RRF010 = BF143095.D	
		RRF020 = BF143096.D			RRF040 = BF143097.D		RRF050 = BF143098.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.133	0.176	0.222	0.234	0.262	0.219	22.1
3-Nitroaniline		0.180	0.227	0.283	0.288	0.318	0.272	18.6
Acenaphthene		1.273	1.204	1.173	1.127	1.168	1.152	6.8
2,4-Dinitrophenol			0.038	0.056	0.069	0.086	0.073	31.2
4-Nitrophenol			0.164	0.201	0.224	0.239	0.216	13.4
Dibenzofuran		1.895	1.795	1.785	1.697	1.729	1.717	7.4
2,4-Dinitrotoluene		0.147	0.197	0.253	0.295	0.326	0.265	26.3
Diethylphthalate		1.221	1.217	1.257	1.225	1.260	1.214	3.7
4-Chlorophenyl-phenylether		0.666	0.642	0.631	0.614	0.625	0.617	5.9
Fluorene		1.478	1.387	1.328	1.246	1.284	1.288	9.7
4-Nitroaniline		0.169	0.208	0.237	0.249	0.270	0.236	15.3
4,6-Dinitro-2-methylphenol			0.035	0.053	0.064	0.079	0.067	30.5
n-Nitrosodiphenylamine		0.735	0.709	0.736	0.682	0.717	0.703	4.3
2,4,6-Tribromophenol		0.136	0.157	0.181	0.188	0.204	0.178	13.2
4-Bromophenyl-phenylether		0.231	0.219	0.234	0.222	0.239	0.227	3.4
Hexachlorobenzene		0.249	0.237	0.247	0.235	0.250	0.241	3.1
Atrazine		0.158	0.171	0.184	0.181	0.195	0.180	6.7
Pentachlorophenol			0.098	0.125	0.132	0.149	0.132	14.5
Phenanthrene		1.190	1.136	1.111	1.042	1.089	1.079	6.9
Anthracene		1.158	1.126	1.126	1.057	1.106	1.085	5.6
Carbazole		1.038	1.026	1.008	0.938	0.998	0.972	6.3
Di-n-butylphthalate		0.746	0.846	0.913	0.921	0.983	0.893	8.6
Fluoranthene		1.044	1.053	1.009	0.960	0.998	0.981	6.6
Pyrene		2.018	1.956	1.955	1.842	1.918	1.856	8.3
Terphenyl-d14		1.563	1.471	1.437	1.343	1.385	1.368	10.5
Butylbenzylphthalate		0.179	0.233	0.310	0.343	0.385	0.318	26.2
3,3-Dichlorobenzidine			0.314	0.406	0.385	0.428	0.387	10.3
Benzo (a) anthracene		1.296	1.304	1.406	1.347	1.403	1.333	4.3
Chrysene		1.286	1.234	1.211	1.201	1.270	1.227	3.4
Bis (2-ethylhexyl) phthalate		0.273	0.343	0.479	0.515	0.578	0.480	26.2
Di-n-octyl phthalate			0.474	0.811	0.922	1.073	0.927	27.8
Benzo (b) fluoranthene		1.063	1.191	1.171	1.082	1.297	1.154	7.2
Benzo (k) fluoranthene		1.175	1.066	1.111	1.148	1.088	1.101	4.2
Benzo (a) pyrene		0.989	1.019	1.108	1.124	1.196	1.091	6.4
Indeno (1,2,3-cd) pyrene		1.345	1.411	1.526	1.521	1.620	1.488	6.0

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: TAC001

Lab Code: ACE

SDG No.: Q2600

Instrument ID: BNA_F

Calibration Date(s): 07/15/2025 07/15/2025

Calibration Time(s): 13:04 16:35

LAB FILE ID:		RRF2.5 = BF143093.D		RRF005 = BF143094.D		RRF010 = BF143095.D		
		RRF020 = BF143096.D		RRF040 = BF143097.D		RRF050 = BF143098.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo (a,h) anthracene		1.114	1.162	1.266	1.240	1.330	1.216	5.9
Benzo (g,h,i) perylene		1.148	1.187	1.263	1.258	1.349	1.240	5.2
1,2,4,5-Tetrachlorobenzene		0.616	0.600	0.602	0.578	0.601	0.583	5.6
1,4-Dioxane		0.637	0.635	0.640	0.627	0.661	0.630	3.6
2,3,4,6-Tetrachlorophenol		0.253	0.274	0.302	0.312	0.339	0.302	9.7