

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: REMI01

Lab Code: ACE

SDG No.: Q3743

Instrument ID: BNA_P

Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID:		RRF2.5 = BP026143.D			RRF005 = BP026144.D		RRF010 = BP026145.D	
		RRF020 = BP026146.D			RRF040 = BP026147.D		RRF050 = BP026148.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.193	1.249	1.277	1.245	1.255	1.246	2.1
Benzaldehyde			0.963	0.899	0.922	0.719	0.831	14.0
Phenol-d6		1.465	1.564	1.623	1.617	1.632	1.586	3.6
Phenol		1.570	1.658	1.757	1.746	1.759	1.709	4.1
bis(2-Chloroethyl) ether		1.252	1.334	1.368	1.361	1.363	1.338	3.0
2-Chlorophenol		1.318	1.398	1.438	1.431	1.452	1.418	3.4
2-Methylphenol		1.067	1.126	1.191	1.195	1.202	1.163	4.3
2,2-oxybis(1-Chloropropane)		1.769	1.841	1.961	1.914	1.924	1.879	3.4
Acetophenone		0.497	0.521	0.530	0.507	0.504	0.508	2.6
3+4-Methylphenols			1.530	1.656	1.624	1.648	1.612	2.8
n-Nitroso-di-n-propylamine	0.937	0.899	0.960	1.063	1.024	1.039	0.985	5.5
Nitrobenzene-d5		0.335	0.357	0.362	0.355	0.351	0.352	2.4
Hexachloroethane		0.527	0.559	0.569	0.565	0.565	0.560	3.0
Nitrobenzene		0.339	0.356	0.368	0.359	0.357	0.356	2.5
Isophorone		0.655	0.693	0.736	0.710	0.710	0.698	3.6
2-Nitrophenol		0.152	0.164	0.182	0.189	0.189	0.180	8.9
2,4-Dimethylphenol		0.305	0.327	0.337	0.328	0.328	0.325	3.1
bis(2-Chloroethoxy) methane		0.425	0.439	0.454	0.439	0.442	0.437	2.3
2,4-Dichlorophenol		0.298	0.322	0.335	0.331	0.330	0.325	3.8
Naphthalene		1.080	1.114	1.115	1.073	1.073	1.081	2.3
4-Chloroaniline		0.429	0.461	0.479	0.472	0.463	0.460	3.5
Hexachlorobutadiene		0.213	0.218	0.219	0.215	0.211	0.215	1.6
Caprolactam			0.113	0.123	0.117	0.118	0.116	3.4
4-Chloro-3-methylphenol		0.314	0.342	0.366	0.354	0.356	0.345	4.8
2-Methylnaphthalene		0.732	0.791	0.804	0.773	0.773	0.766	3.5
Hexachlorocyclopentadiene			0.347	0.382	0.396	0.396	0.396	7.8
2,4,6-Trichlorophenol		0.380	0.404	0.431	0.420	0.420	0.415	4.2
2-Fluorobiphenyl		1.430	1.442	1.453	1.337	1.317	1.365	5.7
2,4,5-Trichlorophenol		0.428	0.454	0.482	0.467	0.469	0.463	3.7
1,1-Biphenyl		1.499	1.540	1.580	1.489	1.469	1.506	2.8
2-Chloronaphthalene		1.167	1.215	1.217	1.169	1.164	1.184	2.0
2-Nitroaniline		0.289	0.310	0.345	0.338	0.336	0.329	6.6
Dimethylphthalate		1.470	1.517	1.573	1.494	1.470	1.494	2.7
Acenaphthylene		1.890	1.987	2.051	1.947	1.943	1.953	2.7

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: REMI01

Lab Code: ACE

SDG No.: Q3743

Instrument ID: BNA_P

Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID:		RRF2.5 = BP026143.D			RRF005 = BP026144.D		RRF010 = BP026145.D	
		RRF020 = BP026146.D			RRF040 = BP026147.D		RRF050 = BP026148.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.235	0.267	0.310	0.315	0.312	0.296	10.9
3-Nitroaniline		0.286	0.330	0.368	0.362	0.364	0.349	8.7
Acenaphthene		1.139	1.182	1.180	1.138	1.141	1.145	2.9
2,4-Dinitrophenol			0.124	0.174	0.186	0.187	0.179	16.3
4-Nitrophenol			0.290	0.331	0.316	0.314	0.315	4.5
Dibenzofuran		1.779	1.832	1.880	1.765	1.763	1.773	4.0
2,4-Dinitrotoluene		0.362	0.407	0.469	0.467	0.464	0.442	9.4
Diethylphthalate		1.493	1.507	1.592	1.522	1.493	1.505	2.9
4-Chlorophenyl-phenylether		0.718	0.717	0.741	0.693	0.691	0.697	4.5
Fluorene		1.447	1.490	1.500	1.380	1.374	1.401	5.9
4-Nitroaniline		0.313	0.359	0.394	0.365	0.368	0.362	6.9
4,6-Dinitro-2-methylphenol			0.099	0.123	0.134	0.132	0.127	11.8
n-Nitrosodiphenylamine		0.598	0.640	0.641	0.624	0.610	0.619	2.7
2,4,6-Tribromophenol		0.241	0.253	0.273	0.264	0.262	0.259	3.9
4-Bromophenyl-phenylether		0.208	0.219	0.223	0.229	0.221	0.221	3.3
Hexachlorobenzene		0.243	0.260	0.260	0.265	0.255	0.257	2.9
Atrazine		0.217	0.232	0.247	0.238	0.233	0.233	3.9
Pentachlorophenol			0.170	0.179	0.183	0.179	0.180	3.3
Phenanthrene		1.128	1.179	1.179	1.122	1.102	1.127	3.4
Anthracene		1.122	1.194	1.198	1.171	1.122	1.149	3.3
Carbazole		1.083	1.178	1.151	1.105	1.045	1.091	5.1
Di-n-butylphthalate		1.219	1.290	1.372	1.358	1.304	1.294	4.6
Fluoranthene		1.383	1.464	1.452	1.369	1.308	1.369	5.1
Pyrene		1.266	1.318	1.375	1.331	1.309	1.311	2.7
Terphenyl-d14		1.024	1.037	1.061	0.990	0.971	0.981	7.1
Butylbenzylphthalate		0.546	0.552	0.612	0.603	0.588	0.578	4.6
3,3-Dichlorobenzidine			0.513	0.526	0.500	0.492	0.500	3.6
Benzo (a) anthracene		1.373	1.401	1.437	1.376	1.349	1.374	2.6
Chrysene		1.298	1.336	1.341	1.284	1.266	1.295	2.5
Bis (2-ethylhexyl) phthalate		0.842	0.825	0.918	0.933	0.876	0.874	5.5
Di-n-octyl phthalate			1.414	1.572	1.581	1.553	1.529	4.6
Benzo (b) fluoranthene		1.190	1.226	1.271	1.237	1.222	1.218	2.6
Benzo (k) fluoranthene		1.206	1.228	1.275	1.213	1.213	1.217	2.4
Benzo (a) pyrene		1.121	1.153	1.198	1.168	1.147	1.154	2.1
Indeno (1,2,3-cd) pyrene		1.442	1.484	1.538	1.511	1.483	1.500	2.2

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: REMI01

Lab Code: ACE

SDG No.: Q3743

Instrument ID: BNA_P

Calibration Date(s): 11/18/2025 11/18/2025

Calibration Time(s): 14:31 21:22

LAB FILE ID:		RRF2.5 = BP026143.D			RRF005 = BP026144.D		RRF010 = BP026145.D	
		RRF020 = BP026146.D			RRF040 = BP026147.D		RRF050 = BP026148.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo (a,h) anthracene		1.177	1.220	1.274	1.237	1.209	1.228	2.5
Benzo (g,h,i) perylene		1.175	1.230	1.253	1.223	1.185	1.220	2.4
1,2,4,5-Tetrachlorobenzene		0.607	0.610	0.613	0.597	0.594	0.605	1.2
1,4-Dioxane		0.507	0.520	0.524	0.487	0.502	0.505	2.6
2,3,4,6-Tetrachlorophenol		0.361	0.391	0.409	0.400	0.397	0.393	3.8