

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG No.: Q3716

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
n-Nitrosodimethylamine			0.535	0.560	0.540	0.552	0.546	1.8
2-Fluorophenol		1.193	1.249	1.277	1.245	1.255	1.246	2.1
Phenol-d6		1.465	1.564	1.623	1.617	1.632	1.586	3.6
bis(2-Chloroethyl)ether		1.252	1.334	1.368	1.361	1.363	1.338	3.0
2,2-oxybis(1-Chloropropane)		1.769	1.841	1.961	1.914	1.924	1.879	3.4
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
bis(2-Chloroethoxy)methane		0.425	0.439	0.454	0.439	0.442	0.437	2.3
1,2,4-Trichlorobenzene		0.331	0.337	0.337	0.330	0.325	0.331	1.4
Naphthalene		1.080	1.114	1.115	1.073	1.073	1.081	2.3
Hexachlorobutadiene		0.213	0.218	0.219	0.215	0.211	0.215	1.6
Hexachlorocyclopentadiene			0.347	0.382	0.396	0.396	0.396	7.8
2-Fluorobiphenyl		1.430	1.442	1.453	1.337	1.317	1.365	5.7
2-Chloronaphthalene		1.167	1.215	1.217	1.169	1.164	1.184	2.0
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
2,6-Dinitrotoluene		0.235	0.267	0.310	0.315	0.312	0.296	10.9
Acenaphthene		1.139	1.182	1.180	1.138	1.141	1.145	2.9
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
n-Nitrosodiphenylamine		0.598	0.640	0.641	0.624	0.610	0.619	2.7
Azobenzene		1.200	1.276	1.346	1.290	1.279	1.269	3.6
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
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
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

All other compounds must meet a minimum RRF of 0.010.

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COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD	
Benzidine			0.727	0.733	0.616	0.631	0.635	13.4	
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	
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	

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Form VI SV-1