

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE

SDG No.: Q2580

Instrument ID: BNA_N

Calibration Date(s): 07/11/2025 07/11/2025

Calibration Time(s): 11:10 14:49

LAB FILE ID:		RRF0.1 = BN037467.D		RRF0.2 = BN037468.D		RRF0.4 = BN037469.D		
		RRF0.8 = BN037470.D		RRF1.6 = BN037471.D		RRF3.2 = BN037472.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.513	0.509	0.511	0.490	0.531	0.563	0.544	12.5
Fluoranthene-d10	0.956	0.936	0.909	0.895	0.981	1.049	1.009	15.2
2-Fluorophenol	0.941	0.935	0.931	0.854	0.927	0.942	0.931	4.2
Phenol-d6	1.222	1.196	1.173	1.063	1.158	1.171	1.171	4.5
Nitrobenzene-d5	0.279	0.277	0.276	0.266	0.296	0.306	0.290	8.0
Naphthalene	1.063	1.050	1.052	1.015	1.096	1.109	1.075	3.9
2-Methylnaphthalene	0.645	0.640	0.646	0.625	0.691	0.718	0.673	6.8
2-Fluorobiphenyl	2.213	2.152	2.305	2.139	2.318	2.357	2.283	5.6
Acenaphthylene	1.778	1.768	1.761	1.706	1.881	1.886	1.824	5.3
Acenaphthene	1.207	1.167	1.184	1.138	1.260	1.270	1.224	5.7
Fluorene	1.478	1.432	1.482	1.423	1.606	1.620	1.538	7.3
2,4,6-Tribromophenol	0.119	0.115	0.122	0.121	0.138	0.153	0.136	18.0
Phenanthrene	1.213	1.165	1.157	1.147	1.242	1.256	1.218	5.8
Anthracene	1.019	1.035	1.014	1.024	1.131	1.185	1.099	9.6
Fluoranthene	1.252	1.235	1.220	1.232	1.389	1.455	1.337	10.3
Pyrene	1.674	1.630	1.594	1.511	1.605	1.595	1.608	3.2
Terphenyl-d14	0.849	0.822	0.821	0.778	0.836	0.834	0.835	4.5
Benzo (a) anthracene	1.329	1.310	1.292	1.240	1.394	1.428	1.355	6.4
Chrysene	1.522	1.487	1.464	1.413	1.473	1.464	1.481	2.9
Benzo (b) fluoranthene	1.382	1.423	1.411	1.459	1.668	1.674	1.556	11.9
Benzo (k) fluoranthene	1.416	1.374	1.433	1.505	1.674	1.745	1.577	12.4
Benzo (a) pyrene	1.069	1.109	1.152	1.162	1.325	1.398	1.252	14.1
Indeno (1,2,3-cd) pyrene	1.339	1.316	1.392	1.434	1.655	1.758	1.553	16.0
Dibenzo (a,h) anthracene	1.069	1.039	1.105	1.152	1.342	1.442	1.252	17.5
Benzo (g,h,i) perylene	1.187	1.236	1.266	1.281	1.442	1.507	1.372	13.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1