

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2879

Instrument ID: BNA_F

Calibration Date(s): 08/15/2025 08/15/2025

Calibration Time(s): 14:29 17:57

LAB FILE ID:		RRF2.5 = BF143416.D			RRF005 = BF143417.D		RRF010 = BF143418.D	
		RRF020 = BF143419.D			RRF040 = BF143420.D		RRF050 = BF143421.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.192	1.169	1.228	1.147	1.101	1.151	4.6
Phenol-d6		1.573	1.494	1.536	1.414	1.383	1.450	5.9
Nitrobenzene-d5		0.350	0.333	0.352	0.339	0.330	0.337	3.6
Naphthalene		1.067	0.987	1.013	0.941	0.891	0.950	8.4
2-Methylnaphthalene		0.737	0.678	0.687	0.625	0.592	0.640	10.2
2-Fluorobiphenyl		1.445	1.340	1.291	1.132	1.074	1.189	14.5
Acenaphthylene		1.765	1.680	1.705	1.573	1.519	1.602	7.6
Acenaphthene		1.202	1.126	1.143	1.043	1.019	1.077	7.9
Fluorene		1.415	1.318	1.287	1.133	1.080	1.194	12.6
2,4,6-Tribromophenol		0.184	0.176	0.186	0.177	0.171	0.178	4.2
Phenanthrene		1.238	1.155	1.132	1.060	1.008	1.083	9.0
Anthracene		1.236	1.159	1.166	1.065	1.024	1.094	8.8
Fluoranthene		1.128	1.083	1.026	0.893	0.844	0.962	12.7
Pyrene		1.958	1.822	1.950	1.698	1.596	1.738	12.6
Terphenyl-d14		1.415	1.276	1.329	1.147	1.057	1.191	14.6
Benzo (a) anthracene		1.312	1.276	1.318	1.254	1.212	1.273	3.9
Chrysene		1.240	1.186	1.240	1.194	1.156	1.177	4.7
Benzo (b) fluoranthene		1.147	1.002	1.158	1.090	1.030	1.072	5.7
Benzo (k) fluoranthene		1.084	1.161	1.022	1.052	1.022	1.057	5.6
Benzo (a) pyrene		1.005	1.017	1.054	1.043	1.009	1.021	2.7
Indeno (1,2,3-cd) pyrene		1.559	1.533	1.569	1.495	1.465	1.500	4.4
Dibenzo (a,h) anthracene		1.227	1.253	1.275	1.203	1.169	1.204	4.9
Benzo (g,h,i) perylene		1.236	1.219	1.257	1.207	1.179	1.203	3.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1