

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG No.: Q3215

Instrument ID: BNA_F

Calibration Date(s): 09/23/2025 09/23/2025

Calibration Time(s): 10:28 15:27

LAB FILE ID:		RRF2.5 = BF143791.D		RRF005 = BF143792.D		RRF010 = BF143793.D			
		RRF020 = BF143794.D		RRF040 = BF143795.D		RRF050 = BF143796.D			
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD	
2-Fluorophenol			1.258	1.326	1.329	1.156	1.231	7.1	
Phenol-d6			1.507	1.530	1.523	1.336	1.422	7.9	
Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.327	5.4	
Naphthalene		1.058	1.021	1.020	1.003	0.887	0.957	9.3	
2-Fluorobiphenyl			1.476	1.460	1.351	1.154	1.282	13.1	
Acenaphthylene		1.729	1.659	1.700	1.691	1.499	1.604	7.3	
Acenaphthene		1.134	1.121	1.123	1.109	0.974	1.056	7.9	
Fluorene		1.275	1.210	1.190	1.147	1.005	1.110	11.3	
2,4,6-Tribromophenol			0.303	0.324	0.328	0.281	0.296	8.8	
Phenanthrene		1.145	1.066	1.071	1.082	0.948	1.027	8.3	
Anthracene		1.096	1.069	1.088	1.083	0.965	1.030	6.7	
Fluoranthene		1.019	1.046	1.099	1.144	0.953	1.033	6.8	
Pyrene		1.038	0.982	0.991	1.005	0.990	0.983	5.5	
Terphenyl-d14			1.044	1.013	1.022	0.981	0.983	7.0	
Benzo (a) anthracene		1.109	1.081	1.083	1.148	1.040	1.074	4.6	
Chrysene		1.041	0.985	0.996	1.018	0.909	0.972	5.2	
Benzo (b) fluoranthene		0.987	1.004	1.029	1.104	1.002	1.019	3.9	
Benzo (k) fluoranthene		1.061	1.004	1.080	1.089	0.996	1.023	6.2	
Benzo (a) pyrene		0.928	0.920	0.989	1.027	0.949	0.957	4.2	
Indeno (1,2,3-cd) pyrene		1.483	1.426	1.580	1.608	1.509	1.517	4.3	
Dibenzo (a,h) anthracene		1.207	1.187	1.302	1.332	1.237	1.241	4.9	
Benzo (g,h,i) perylene		1.134	1.116	1.234	1.279	1.200	1.196	5.0	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1