

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: PACI01

Lab Code: ACE

SDG No.: Q3574

Instrument ID: BNA_F

Calibration Date(s): 11/05/2025 11/05/2025

Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Benzo (a) anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Benzo (b) fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo (k) fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo (a) pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno (1,2,3-cd) pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6
Dibenzo (a,h) anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo (g,h,i) perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1