

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG No.: Q3494

Instrument ID: BNA_N

Calibration Date(s): 10/28/2025 10/28/2025

Calibration Time(s): 13:00 16:38

LAB FILE ID:		RRF0.1 = BN038111.D			RRF0.2 = BN038112.D		RRF0.4 = BN038113.D	
		RRF0.8 = BN038114.D			RRF1.6 = BN038115.D		RRF3.2 = BN038116.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.581	0.569	0.551	0.549	0.586	0.584	0.571	2.7
Fluoranthene-d10	1.040	0.968	0.955	0.981	1.050	1.055	1.008	4.1
2-Fluorophenol	1.066	0.973	0.954	0.908	0.919	0.895	0.943	6.7
Phenol-d6	1.266	1.134	1.134	1.097	1.131	1.137	1.148	4.7
Nitrobenzene-d5	0.403	0.312	0.313	0.301	0.316	0.307	0.323	11.1
2-Fluorobiphenyl	1.794	1.649	1.577	1.570	1.615	1.514	1.602	6.2
2,4,6-Tribromophenol	0.157	0.151	0.149	0.152	0.171	0.182	0.165	10.7
Terphenyl-d14	0.878	0.881	0.872	0.807	0.892	0.862	0.869	3.4
Benzo (a) anthracene	1.491	1.379	1.358	1.363	1.469	1.474	1.427	4.1
Benzo (b) fluoranthene	1.603	1.543	1.630	1.721	1.806	1.839	1.709	6.9
Benzo (k) fluoranthene	1.652	1.590	1.619	1.669	1.831	1.835	1.721	6.6
Benzo (a) pyrene	1.344	1.276	1.316	1.314	1.420	1.451	1.369	5.4
Benzo (g,h,i) perylene	1.402	1.365	1.426	1.432	1.499	1.477	1.444	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1