

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG No.: Q3015

Instrument ID: BNA_N

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

Calibration Time(s): 12:13 15:51

LAB FILE ID:		RRF0.1 = BN037861.D		RRF0.2 = BN037862.D		RRF0.4 = BN037863.D		
		RRF0.8 = BN037864.D		RRF1.6 = BN037865.D		RRF3.2 = BN037866.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.515	0.518	0.499	0.504	0.553	0.587	0.556	13.7
Fluoranthene-d10	0.880	0.918	0.887	0.900	1.004	1.085	1.006	17.6
2-Fluorophenol	0.944	0.921	0.856	0.839	0.908	0.923	0.913	5.8
Phenol-d6	1.190	1.200	1.118	1.088	1.211	1.236	1.199	7.2
Nitrobenzene-d5	0.299	0.289	0.289	0.290	0.310	0.320	0.305	6.1
Naphthalene	1.105	1.089	1.048	1.051	1.123	1.137	1.102	3.8
2-Methylnaphthalene	0.678	0.681	0.668	0.682	0.754	0.775	0.720	7.7
2-Fluorobiphenyl	1.660	1.631	1.559	1.547	1.654	1.650	1.638	4.4
Acenaphthylene	1.698	1.721	1.663	1.680	1.907	1.951	1.816	9.2
Acenaphthene	1.262	1.230	1.198	1.208	1.351	1.371	1.294	7.2
Fluorene	1.455	1.455	1.452	1.466	1.664	1.717	1.565	8.8
2,4,6-Tribromophenol	0.148	0.142	0.135	0.139	0.163	0.184	0.152	12.2
Phenanthrene	1.301	1.271	1.230	1.224	1.358	1.379	1.316	6.4
Anthracene	1.034	1.035	1.023	1.057	1.209	1.275	1.142	12.1
Fluoranthene	1.278	1.315	1.311	1.358	1.555	1.617	1.450	12.1
Pyrene	1.576	1.600	1.521	1.476	1.607	1.595	1.579	4.1
Terphenyl-d14	0.799	0.791	0.753	0.735	0.798	0.809	0.797	6.3
Benzo (a) anthracene	1.376	1.359	1.294	1.285	1.423	1.483	1.398	7.3
Chrysene	1.508	1.526	1.462	1.446	1.559	1.512	1.512	3.0
Benzo (b) fluoranthene	1.599	1.606	1.641	1.590	1.810	1.848	1.725	9.0
Benzo (k) fluoranthene	1.620	1.586	1.597	1.628	1.875	1.917	1.736	9.3
Benzo (a) pyrene	1.254	1.296	1.231	1.254	1.413	1.492	1.364	10.6
Indeno (1,2,3-cd) pyrene	1.715	1.672	1.658	1.707	1.887	1.996	1.828	10.5
Dibenzo (a,h) anthracene	1.285	1.283	1.303	1.333	1.495	1.587	1.427	11.9
Benzo (g,h,i) perylene	1.407	1.381	1.404	1.397	1.521	1.613	1.499	9.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1