

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG No.: Q3483

Instrument ID: BNA_N

Calibration Date(s): 11/26/2025 11/27/2025

Calibration Time(s): 20:35 00:13

LAB FILE ID:		RRF0.1 = BN038212.D		RRF0.2 = BN038213.D		RRF0.4 = BN038214.D			
		RRF0.8 = BN038215.D		RRF1.6 = BN038216.D		RRF3.2 = BN038217.D			
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD	
2-Methylnaphthalene-d10	0.535	0.548	0.588	0.558	0.584	0.584	0.568	3.7	
Fluoranthene-d10	0.853	0.845	0.890	0.817	0.864	0.906	0.868	3.8	
2-Fluorophenol	1.008	0.930	0.992	0.881	0.925	0.915	0.935	5.1	
Phenol-d6	1.180	1.103	1.215	1.099	1.187	1.203	1.168	4.1	
Nitrobenzene-d5	0.370	0.314	0.310	0.304	0.321	0.309	0.320	7.1	
Naphthalene	1.152	1.102	1.153	1.075	1.118	1.093	1.111	2.9	
2-Methylnaphthalene	0.696	0.697	0.760	0.718	0.754	0.750	0.731	3.7	
2-Fluorobiphenyl	1.620	1.549	1.590	1.546	1.578	1.474	1.545	3.8	
Acenaphthylene	1.756	1.685	1.801	1.702	1.830	1.866	1.789	4.3	
Acenaphthene	1.244	1.208	1.292	1.198	1.263	1.262	1.247	2.7	
Fluorene	1.544	1.442	1.650	1.571	1.680	1.708	1.614	6.1	
2,4,6-Tribromophenol	0.106	0.100	0.123	0.122	0.139	0.165	0.126	18.8	
Phenanthrene	1.247	1.207	1.311	1.202	1.270	1.293	1.256	3.2	
Anthracene	0.996	0.998	1.068	1.016	1.100	1.156	1.071	6.7	
Fluoranthene	1.174	1.147	1.227	1.146	1.230	1.281	1.210	4.6	
Pyrene	2.066	1.804	2.087	1.972	1.973	2.077	1.998	4.9	
Terphenyl-d14	0.903	0.847	0.962	0.906	0.927	0.972	0.924	4.6	
Benzo (a) anthracene	1.321	1.271	1.368	1.320	1.373	1.421	1.355	3.9	
Chrysene	1.742	1.639	1.661	1.517	1.597	1.541	1.599	5.5	
Benzo (b) fluoranthene	1.563	1.555	1.703	1.586	1.675	1.721	1.642	4.3	
Benzo (k) fluoranthene	1.627	1.639	1.758	1.658	1.749	1.776	1.707	3.7	
Benzo (a) pyrene	1.414	1.284	1.386	1.316	1.403	1.414	1.376	3.9	
Indeno (1,2,3-cd) pyrene	1.747	1.715	1.875	1.736	1.962	1.963	1.851	6.2	
Dibenzo (a,h) anthracene	1.264	1.234	1.379	1.349	1.512	1.541	1.401	9.1	
Benzo (g,h,i) perylene	1.722	1.586	1.721	1.617	1.720	1.687	1.674	3.3	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1