

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2558

Instrument ID: BNA_F

Calibration Date(s): 07/17/2025 07/17/2025

Calibration Time(s): 11:04 14:34

LAB FILE ID:		RRF2.5 = BF143140.D		RRF005 = BF143141.D		RRF010 = BF143142.D		
		RRF020 = BF143143.D		RRF040 = BF143144.D		RRF050 = BF143145.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.264	7.0
Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.591	6.7
Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.401	3.5
Naphthalene		1.118	1.038	1.032	0.954	0.986	0.985	8.9
2-Methylnaphthalene		0.667	0.634	0.628	0.580	0.603	0.599	8.2
2-Fluorobiphenyl		1.761	1.644	1.547	1.358	1.414	1.462	13.6
Acenaphthylene		2.134	2.052	2.011	1.860	1.958	1.935	7.7
Acenaphthene		1.278	1.194	1.184	1.096	1.155	1.144	7.5
Fluorene		1.480	1.402	1.322	1.212	1.257	1.274	10.8
2,4,6-Tribromophenol		0.200	0.202	0.212	0.210	0.218	0.207	3.5
Phenanthrene		1.191	1.100	1.117	1.020	1.069	1.062	8.0
Anthracene		1.184	1.136	1.134	1.038	1.095	1.083	7.1
Fluoranthene		1.085	0.987	1.018	0.953	0.979	0.975	6.9
Pyrene		1.909	1.783	1.783	1.715	1.740	1.707	8.7
Terphenyl-d14		1.567	1.456	1.419	1.311	1.342	1.344	11.4
Benzo (a) anthracene		1.374	1.367	1.381	1.282	1.422	1.339	4.9
Chrysene		1.282	1.174	1.247	1.206	1.218	1.204	4.3
Benzo (b) fluoranthene		1.231	1.136	1.287	1.147	1.352	1.222	6.3
Benzo (k) fluoranthene		1.168	1.152	1.093	1.134	1.069	1.090	7.1
Benzo (a) pyrene		1.129	1.102	1.147	1.121	1.192	1.126	3.4
Indeno (1,2,3-cd) pyrene		1.424	1.336	1.430	1.413	1.505	1.410	3.9
Dibenzo (a,h) anthracene		1.159	1.103	1.179	1.147	1.221	1.148	3.9
Benzo (g,h,i) perylene		1.100	1.047	1.140	1.109	1.196	1.110	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1