

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG No.: Q3399

Instrument ID: BNA_P

Calibration Date(s): 10/15/2025 10/15/2025

Calibration Time(s): 11:45 18:35

LAB FILE ID:		RRF2.5 = BP025972.D		RRF005 = BP025973.D		RRF010 = BP025974.D			
		RRF020 = BP025975.D		RRF040 = BP025976.D		RRF050 = BP025977.D			
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD	
Pyridine		1.214	1.221	1.434	1.530	1.383	1.348	8.4	
2-Fluorophenol		1.057	1.111	1.309	1.380	1.262	1.220	9.1	
Phenol-d6		1.410	1.497	1.858	1.913	1.794	1.702	10.9	
1,4-Dichlorobenzene		1.549	1.475	1.726	1.775	1.601	1.597	7.0	
2-Methylphenol		0.986	1.093	1.339	1.381	1.301	1.232	11.5	
3+4-Methylphenols			1.413	1.848	1.856	1.778	1.717	9.5	
Nitrobenzene-d5		0.401	0.410	0.480	0.505	0.455	0.445	8.4	
Hexachloroethane		0.611	0.568	0.644	0.679	0.606	0.609	6.6	
Nitrobenzene		0.352	0.356	0.426	0.449	0.408	0.396	8.9	
Hexachlorobutadiene		0.243	0.227	0.252	0.268	0.242	0.242	5.9	
2,4,6-Trichlorophenol		0.335	0.363	0.438	0.476	0.436	0.413	11.7	
2-Fluorobiphenyl		1.596	1.522	1.682	1.767	1.522	1.560	8.4	
2,4,5-Trichlorophenol		0.384	0.380	0.474	0.518	0.477	0.450	11.2	
2,4-Dinitrotoluene		0.377	0.360	0.515	0.483	0.464	0.442	12.6	
2,4,6-Tribromophenol		0.237	0.220	0.298	0.290	0.285	0.269	10.9	
Hexachlorobenzene		0.267	0.258	0.290	0.311	0.273	0.277	6.5	
Pentachlorophenol			0.111	0.151	0.164	0.158	0.150	13.0	
Terphenyl-d14		1.168	1.135	1.339	1.308	1.323	1.251	6.3	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1