

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3177

Instrument ID: BNA_G

Calibration Date(s): 09/25/2025 09/25/2025

Calibration Time(s): 11:55 19:26

LAB FILE ID:		RRF2.5 = BG064441.D			RRF005 = BG064442.D		RRF020 = BG064444.D	
		RRF050 = BG064446.D			RRF080 = BG064448.D		RRF010 = BG064449.D	
COMPOUND	RRF2.5	RRF005	RRF020	RRF050	RRF080	RRF010	RRF	% RSD
Pyridine		1.317	1.118	1.255	1.105	1.012	1.184	9.3
2-Fluorophenol		1.015	1.035	1.021	1.019	1.021	1.047	4.1
Phenol-d6		1.336	1.378	1.416	1.430	1.343	1.434	6.8
1,4-Dichlorobenzene		1.559	1.416	1.457	1.418	1.477	1.499	5.6
2-Methylphenol		1.028	1.131	1.089	1.096	1.087	1.122	6.1
3+4-Methylphenols			1.553	1.515	1.496	1.548	1.577	5.0
Nitrobenzene-d5		0.352	0.330	0.377	0.376	0.359	0.369	6.8
Hexachloroethane		0.534	0.554	0.554	0.553	0.553	0.566	5.1
Nitrobenzene		0.315	0.334	0.354	0.368	0.363	0.360	8.2
Hexachlorobutadiene		0.302	0.294	0.290	0.296	0.284	0.300	5.1
2,4,6-Trichlorophenol		0.368	0.413	0.416	0.425	0.405	0.416	6.2
2-Fluorobiphenyl		1.349	1.352	1.331	1.311	1.317	1.354	3.2
2,4,5-Trichlorophenol		0.368	0.463	0.475	0.449	0.470	0.454	8.7
2,4-Dinitrotoluene		0.463	0.493	0.495	0.488	0.478	0.490	3.9
2,4,6-Tribromophenol		0.354	0.358	0.344	0.338	0.337	0.349	3.8
Hexachlorobenzene		0.271	0.267	0.255	0.259	0.257	0.267	3.9
Pentachlorophenol			0.156	0.166	0.175	0.129	0.161	10.9
Terphenyl-d14		1.025	1.026	1.004	0.982	0.986	1.015	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1