

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3321

Instrument ID: BNA_G

Calibration Date(s): 10/02/2025 10/02/2025

Calibration Time(s): 09:01 15:49

LAB FILE ID:		RRF2.5 = BG064473.D		RRF005 = BG064474.D		RRF020 = BG064476.D			
		RRF040 = BG064477.D		RRF050 = BG064478.D		RRF060 = BG064479.D			
COMPOUND	RRF2.5	RRF005	RRF020	RRF040	RRF050	RRF060	RRF	% RSD	
Pyridine		1.225	1.147	1.236	1.102	1.095	1.149	5.3	
2-Fluorophenol		1.066	1.053	1.195	1.071	1.108	1.081	5.3	
Phenol-d6		1.395	1.446	1.631	1.434	1.496	1.452	6.1	
1,4-Dichlorobenzene		1.506	1.452	1.581	1.421	1.421	1.457	4.6	
2-Methylphenol		1.105	1.087	1.215	1.076	1.143	1.109	4.8	
3+4-Methylphenols			1.510	1.700	1.492	1.622	1.548	5.9	
Nitrobenzene-d5		0.360	0.378	0.396	0.369	0.381	0.372	3.8	
Hexachloroethane		0.586	0.534	0.604	0.562	0.566	0.575	5.9	
Nitrobenzene		0.403	0.352	0.395	0.364	0.377	0.371	5.7	
Hexachlorobutadiene		0.331	0.308	0.316	0.296	0.300	0.304	4.9	
2,4,6-Trichlorophenol		0.391	0.396	0.445	0.416	0.436	0.413	5.3	
2-Fluorobiphenyl		1.355	1.346	1.434	1.325	1.389	1.357	3.1	
2,4,5-Trichlorophenol		0.451	0.430	0.486	0.465	0.473	0.461	3.9	
2,4-Dinitrotoluene		0.481	0.488	0.527	0.513	0.506	0.499	3.6	
2,4,6-Tribromophenol		0.364	0.367	0.381	0.364	0.361	0.363	2.9	
Hexachlorobenzene		0.256	0.272	0.288	0.260	0.280	0.269	4.4	
Pentachlorophenol			0.146	0.169	0.166	0.170	0.157	13.7	
Terphenyl-d14		1.067	1.069	1.123	1.030	1.044	1.057	3.6	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1