

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3177

Instrument ID: BNA_P

Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 08:56 15:20

LAB FILE ID:		RRF2.5 = BP025725.D		RRF005 = BP025726.D		RRF010 = BP025727.D		
		RRF020 = BP025728.D		RRF040 = BP025729.D		RRF060 = BP025731.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Pyridine		1.376	1.317	1.526	1.566	1.400	1.432	6.2
2-Fluorophenol		1.139	1.123	1.320	1.362	1.238	1.240	7.2
Phenol-d6		1.391	1.460	1.793	1.861	1.658	1.648	10.3
1,4-Dichlorobenzene		1.550	1.475	1.698	1.690	1.539	1.576	5.6
2-Methylphenol		0.973	1.030	1.268	1.319	1.185	1.171	10.7
3+4-Methylphenols			1.352	1.721	1.819	1.625	1.640	9.6
Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.455	0.453	7.4
Hexachloroethane		0.603	0.557	0.633	0.647	0.588	0.602	5.2
Nitrobenzene		0.366	0.363	0.440	0.449	0.411	0.407	8.2
Hexachlorobutadiene		0.226	0.219	0.247	0.242	0.226	0.229	5.0
2,4,6-Trichlorophenol		0.340	0.354	0.435	0.445	0.409	0.398	9.9
2-Fluorobiphenyl		1.563	1.470	1.655	1.596	1.434	1.502	7.5
2,4,5-Trichlorophenol		0.375	0.389	0.482	0.501	0.457	0.443	10.4
2,4-Dinitrotoluene		0.382	0.398	0.501	0.521	0.471	0.460	11.3
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
Hexachlorobenzene		0.243	0.230	0.266	0.261	0.236	0.245	5.8
Pentachlorophenol			0.132	0.168	0.179	0.161	0.162	9.8
Terphenyl-d14		1.133	1.093	1.198	1.177	1.054	1.112	5.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1