

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q2641

Instrument ID: BNA_P

Calibration Date(s): 07/21/2025 07/21/2025

Calibration Time(s): 14:25 19:14

LAB FILE ID:		RRF2.5 = BP025196.D			RRF005 = BP025197.D		RRF010 = BP025198.D	
		RRF020 = BP025199.D			RRF040 = BP025200.D		RRF050 = BP025201.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.216	1.139	1.178	1.166	1.258	1.188	3.4
2-Fluorophenol		1.225	1.157	1.200	1.163	1.241	1.184	3.6
Phenol-d6		1.475	1.426	1.477	1.468	1.544	1.466	3.1
1,4-Dichlorobenzene		1.574	1.496	1.532	1.506	1.603	1.525	3.4
2-Methylphenol		1.045	1.003	1.053	1.058	1.130	1.054	3.8
3+4-Methylphenols			1.354	1.436	1.440	1.549	1.438	4.7
Nitrobenzene-d5		0.368	0.355	0.369	0.352	0.380	0.360	4.2
Hexachloroethane		0.529	0.510	0.517	0.520	0.557	0.524	3.2
Nitrobenzene		0.322	0.317	0.326	0.314	0.338	0.321	3.3
Hexachlorobutadiene		0.213	0.205	0.211	0.203	0.217	0.208	3.3
2,4,6-Trichlorophenol		0.391	0.394	0.412	0.408	0.442	0.410	4.1
2-Fluorobiphenyl		1.616	1.525	1.525	1.401	1.486	1.419	12.2
2,4,5-Trichlorophenol		0.437	0.438	0.452	0.450	0.478	0.451	3.3
2,4-Dinitrotoluene		0.395	0.402	0.439	0.434	0.482	0.435	6.9
2,4,6-Tribromophenol		0.297	0.288	0.298	0.288	0.316	0.295	3.8
Hexachlorobenzene		0.282	0.275	0.281	0.280	0.289	0.277	3.7
Pentachlorophenol			0.170	0.187	0.190	0.203	0.188	5.9
Terphenyl-d14		1.209	1.162	1.127	0.890	0.967	1.013	18.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1