

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ROYF02

Lab Code: ACE

SDG No.: Q3447

Instrument ID: BNA_G

Calibration Date(s): 10/24/2025 10/24/2025

Calibration Time(s): 09:00 15:32

LAB FILE ID:		RRF2.5 = BG064569.D		RRF005 = BG064570.D		RRF010 = BG064571.D		
		RRF020 = BG064572.D		RRF040 = BG064573.D		RRF060 = BG064574.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Pyridine		1.630	1.608	1.552	1.669	1.733	1.584	6.8
2-Fluorophenol		1.098	1.207	1.155	1.292	1.318	1.192	7.1
Phenol-d6		1.469	1.654	1.566	1.771	1.864	1.635	8.6
1,4-Dichlorobenzene		1.431	1.546	1.442	1.534	1.561	1.460	6.2
2-Methylphenol		1.103	1.225	1.178	1.273	1.345	1.201	7.2
3+4-Methylphenols			1.652	1.581	1.818	1.895	1.688	8.0
Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.403	0.333	17.0
Hexachloroethane		0.468	0.535	0.505	0.541	0.557	0.512	6.4
Nitrobenzene		0.274	0.312	0.344	0.410	0.438	0.362	15.6
Hexachlorobutadiene		0.266	0.291	0.282	0.299	0.306	0.284	5.3
2,4,6-Trichlorophenol		0.294	0.333	0.375	0.423	0.456	0.384	14.4
2-Fluorobiphenyl		1.310	1.389	1.306	1.384	1.384	1.319	5.2
2,4,5-Trichlorophenol		0.339	0.425	0.439	0.484	0.517	0.443	12.5
2,4-Dinitrotoluene		0.223	0.269	0.300	0.385	0.434	0.340	22.7
2,4,6-Tribromophenol		0.221	0.266	0.272	0.318	0.346	0.289	14.0
Hexachlorobenzene		0.254	0.266	0.262	0.292	0.302	0.270	7.0
Pentachlorophenol			0.132	0.152	0.180	0.199	0.169	13.9
Terphenyl-d14		1.074	1.120	1.066	1.142	1.102	1.060	7.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1