

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: TAC001

Lab Code: ACE

SDG No.: Q2600

Instrument ID: BNA_M

Calibration Date(s): 07/08/2025 07/08/2025

Calibration Time(s): 12:39 17:22

LAB FILE ID:		RRF2.5 = BM050377.D			RRF005 = BM050378.D		RRF010 = BM050379.D	
		RRF020 = BM050380.D			RRF040 = BM050381.D		RRF050 = BM050382.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.249	1.197	1.256	1.228	1.336	1.254	3.5
2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.162	4.9
Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.465	6.7
1,4-Dichlorobenzene		1.553	1.459	1.536	1.465	1.610	1.521	3.6
2-Methylphenol		0.922	0.898	0.980	0.990	1.089	0.991	6.7
3+4-Methylphenols			1.170	1.296	1.325	1.458	1.330	7.3
Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.392	6.8
Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.535	4.7
Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.350	4.7
Hexachlorobutadiene		0.222	0.209	0.222	0.221	0.244	0.228	5.4
2,4,6-Trichlorophenol		0.330	0.335	0.377	0.394	0.443	0.391	11.8
2-Fluorobiphenyl		1.572	1.538	1.611	1.592	1.753	1.620	4.7
2,4,5-Trichlorophenol		0.359	0.376	0.415	0.430	0.484	0.428	11.1
2,4-Dinitrotoluene		0.234	0.277	0.340	0.371	0.422	0.350	20.3
2,4,6-Tribromophenol		0.182	0.195	0.230	0.248	0.285	0.243	17.4
Hexachlorobenzene		0.239	0.233	0.253	0.256	0.283	0.260	7.8
Pentachlorophenol			0.122	0.145	0.161	0.181	0.162	15.2
Terphenyl-d14		1.095	1.110	1.225	1.258	1.298	1.137	12.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1