

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG No.: Q2791

Instrument ID: BNA_P

Calibration Date(s): 08/05/2025 08/05/2025

Calibration Time(s): 12:03 16:51

LAB FILE ID:		RRF2.5 = BP025298.D		RRF005 = BP025299.D		RRF010 = BP025300.D		
		RRF020 = BP025301.D		RRF040 = BP025302.D		RRF050 = BP025303.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.368	1.344	1.341	1.340	1.407	1.363	2.1
2-Fluorophenol	1.187	1.248	1.220	1.251	1.233	1.297	1.244	2.9
Phenol-d6	1.535	1.587	1.583	1.648	1.632	1.734	1.637	4.4
1,4-Dichlorobenzene		1.613	1.509	1.536	1.508	1.601	1.547	3.3
2-Methylphenol		1.093	1.085	1.156	1.176	1.253	1.172	6.0
3+4-Methylphenols			1.447	1.566	1.587	1.713	1.613	6.8
Nitrobenzene-d5	0.300	0.324	0.334	0.375	0.374	0.407	0.361	10.2
Hexachloroethane		0.563	0.532	0.540	0.540	0.572	0.553	3.2
Nitrobenzene		0.311	0.312	0.347	0.344	0.373	0.342	6.7
2,4,6-Trichlorophenol		0.279	0.301	0.359	0.367	0.395	0.353	12.7
2-Fluorobiphenyl	1.502	1.551	1.453	1.479	1.444	1.464	1.448	5.2
2,4,5-Trichlorophenol		0.310	0.342	0.408	0.412	0.437	0.396	12.6
2,4-Dinitrotoluene		0.213	0.257	0.361	0.390	0.431	0.359	25.0
2,4,6-Tribromophenol	0.151	0.171	0.182	0.210	0.212	0.229	0.200	14.1
Hexachlorobenzene		0.232	0.222	0.224	0.220	0.233	0.226	2.8
Pentachlorophenol			0.104	0.139	0.144	0.161	0.144	14.9
Terphenyl-d14	1.060	1.140	1.083	1.096	1.046	1.082	1.059	5.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1