

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG No.: Q3015

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
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
Phenol		1.512	1.525	1.848	1.964	1.751	1.737	9.6
2-Chlorophenol		1.229	1.196	1.448	1.508	1.366	1.360	8.3
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
2-Nitrophenol		0.141	0.154	0.190	0.203	0.192	0.181	12.9
2,4-Dimethylphenol		0.263	0.286	0.345	0.356	0.320	0.317	10.2
2,4-Dichlorophenol		0.267	0.270	0.339	0.349	0.327	0.316	10.7
Benzoic acid			0.170	0.214	0.261	0.257	0.236	15.6
4-Chloro-3-methylphenol		0.328	0.338	0.406	0.414	0.377	0.377	8.7
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-Dinitrophenol			0.108	0.173	0.209	0.201	0.183	21.4
4-Nitrophenol			0.148	0.255	0.307	0.280	0.258	22.0
4,6-Dinitro-2-methylphenol			0.093	0.135	0.151	0.137	0.133	15.1
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
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
2,3,4,6-Tetrachlorophenol		0.362	0.361	0.434	0.446	0.393	0.399	8.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1