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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q2641

Instrument ID: BNA_F Calibration Date(s): 07/17/2025 07/17/2025

Calibration Time(s): 11:04 14:34

LAB FILE ID: RRF2.5 = BF143140.D RRF005 = BF143141.D RRF010 = BF143142.D
RRF020 = BF143143.D RRF040 = BF143144.D RRF050 = BF143145.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.631	1.557	1.551	1.530	1.618	1.552	3.9
2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.264	7.0
Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.591	6.7
1,4-Dichlorobenzene		1.602	1.518	1.502	1.418	1.473	1.449	7.5
2-Methylphenol		1.178	1.111	1.141	1.097	1.160	1.114	4.6
3+4-Methylphenols			1.467	1.469	1.341	1.402	1.351	8.9
Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.401	3.5
Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.502	4.7
Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.374	3.9
Hexachlorobutadiene		0.193	0.190	0.191	0.181	0.188	0.184	4.6
2,4,6-Trichlorophenol		0.391	0.406	0.412	0.384	0.429	0.400	4.6
2-Fluorobiphenyl		1.761	1.644	1.547	1.358	1.414	1.462	13.6
2,4,5-Trichlorophenol		0.404	0.387	0.411	0.405	0.411	0.400	2.8
2,4-Dinitrotoluene		0.269	0.296	0.342	0.354	0.372	0.333	11.0
2,4,6-Tribromophenol		0.200	0.202	0.212	0.210	0.218	0.207	3.5
Hexachlorobenzene		0.269	0.248	0.252	0.239	0.258	0.249	4.8
Pentachlorophenol			0.119	0.146	0.148	0.160	0.147	9.7
Terphenyl-d14		1.567	1.456	1.419	1.311	1.342	1.344	11.4

All other compounds must meet a minimum RRF of 0.010.