

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG No.: Q3349

Instrument ID: BNA_F

Calibration Date(s): 10/06/2025 10/06/2025

Calibration Time(s): 09:59 14:22

LAB FILE ID:		RRF2.5 = BF143875.D		RRF005 = BF143876.D		RRF010 = BF143877.D		
		RRF020 = BF143878.D		RRF040 = BF143879.D		RRF050 = BF143880.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.691	1.672	1.749	1.772	1.668	1.697	2.7
2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.259	9.1
Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.501	8.6
1,4-Dichlorobenzene		1.653	1.606	1.567	1.499	1.326	1.454	11.9
2-Methylphenol		1.064	1.057	1.049	1.054	0.985	1.017	5.1
3+4-Methylphenols			1.401	1.342	1.266	1.068	1.179	15.6
Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.329	4.2
Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.485	8.4
Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.366	5.3
Hexachlorobutadiene		0.231	0.214	0.210	0.207	0.183	0.201	10.1
2,4,6-Trichlorophenol		0.408	0.394	0.426	0.445	0.383	0.404	6.1
2-Fluorobiphenyl		1.568	1.424	1.335	1.224	0.984	1.260	18.0
2,4,5-Trichlorophenol		0.443	0.444	0.460	0.456	0.401	0.427	7.3
2,4-Dinitrotoluene		0.252	0.284	0.341	0.365	0.335	0.320	12.3
2,4,6-Tribromophenol		0.194	0.192	0.210	0.207	0.198	0.199	3.5
Hexachlorobenzene		0.277	0.268	0.263	0.267	0.242	0.256	6.6
Pentachlorophenol			0.117	0.152	0.157	0.154	0.147	10.1
Terphenyl-d14		1.301	1.209	1.271	1.279	1.066	1.170	10.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1