

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance

Contract: PARS02

Lab Code: ACE

SDG No.: Q2592

Instrument ID: BNA_F

Calibration Date(s): 07/15/2025 07/15/2025

Calibration Time(s): 13:04 16:35

LAB FILE ID:		RRF2.5 = BF143093.D		RRF005 = BF143094.D		RRF010 = BF143095.D		
		RRF020 = BF143096.D		RRF040 = BF143097.D		RRF050 = BF143098.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.606	1.541	1.616	1.594	1.681	1.596	3.3
2-Fluorophenol		1.334	1.272	1.315	1.255	1.305	1.266	5.0
Phenol-d6		1.685	1.616	1.640	1.565	1.643	1.591	5.1
1,4-Dichlorobenzene		1.570	1.473	1.504	1.412	1.482	1.446	6.3
2-Methylphenol		1.132	1.081	1.124	1.083	1.150	1.098	3.6
3+4-Methylphenols			1.399	1.419	1.356	1.421	1.346	6.7
Nitrobenzene-d5		0.283	0.319	0.363	0.372	0.399	0.357	11.6
Hexachloroethane		0.465	0.440	0.486	0.472	0.500	0.471	4.2
Nitrobenzene		0.282	0.317	0.357	0.356	0.385	0.344	9.9
Hexachlorobutadiene		0.185	0.176	0.183	0.177	0.182	0.178	4.1
2,4,6-Trichlorophenol		0.300	0.312	0.377	0.376	0.400	0.362	10.9
2-Fluorobiphenyl		1.777	1.645	1.602	1.456	1.460	1.505	12.2
2,4,5-Trichlorophenol		0.336	0.367	0.390	0.393	0.418	0.380	6.6
2,4-Dinitrotoluene		0.147	0.197	0.253	0.295	0.326	0.265	26.3
2,4,6-Tribromophenol		0.136	0.157	0.181	0.188	0.204	0.178	13.2
Hexachlorobenzene		0.249	0.237	0.247	0.235	0.250	0.241	3.1
Pentachlorophenol			0.098	0.125	0.132	0.149	0.132	14.5
Terphenyl-d14		1.563	1.471	1.437	1.343	1.385	1.368	10.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1