

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARAM01
Lab Code: CHEM Case No.: Q2149 SAS No.: Q2149 SDG No.: Q2149
Instrument ID: BNA_F Calibration Date(s): 05/20/2025 05/20/2025
Calibration Time(s): 12:10 15:31

LAB FILE ID:		RRF2.5 = BF142467.D		RRF005 = BF142468.D		RRF010 = BF142469.D		
		RRF020 = BF142470.D		RRF040 = BF142471.D		RRF050 = BF142472.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.237	1.150	1.212	1.170	1.273	1.210	3.5
2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.187	5.0
Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.429	4.8
1,4-Dichlorobenzene		1.540	1.476	1.491	1.407	1.495	1.453	4.7
2-Methylphenol		1.040	0.992	1.026	0.976	1.053	1.010	3.3
3+4-Methylphenols		1.412	1.319	1.337	1.246	1.337	1.293	6.6
Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.367	3.5
Hexachloroethane		0.533	0.503	0.523	0.489	0.529	0.507	4.2
Nitrobenzene		0.338	0.328	0.338	0.323	0.343	0.331	2.9
Hexachlorobutadiene		0.203	0.192	0.197	0.187	0.198	0.192	4.5
2,4,6-Trichlorophenol		0.387	0.373	0.406	0.371	0.406	0.387	3.7
2-Fluorobiphenyl		1.726	1.619	1.558	1.387	1.480	1.490	10.5
2,4,5-Trichlorophenol		0.410	0.411	0.416	0.395	0.437	0.408	4.3
2,4-Dinitrotoluene		0.372	0.367	0.387	0.364	0.398	0.372	4.6
2,4,6-Tribromophenol		0.230	0.225	0.234	0.211	0.233	0.222	5.4
Hexachlorobenzene		0.265	0.267	0.263	0.251	0.273	0.262	3.2
Pentachlorophenol		0.130	0.135	0.149	0.147	0.162	0.148	7.9
Terphenyl-d14		1.624	1.582	1.660	1.423	1.492	1.464	12.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1