Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267 SDG No.: Q2267

Instrument ID: BNA_M Calibration Date(s): 06/05/2025 06/05/2025

Calibration Time(s): 09:20 13:56

LAB FILE ID: RRF2.5 = BM050194.D RRF005 = BM050195.D RRF010 = BM050196.D
RRF020 = BM050197.D RRF040 = BM050198.D RRF050 = BM050199.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.353	1.352	1.370	1.311	1.425	1.361	2.8
2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.199	3.5
Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.578	4.0
1,4-Dichlorobenzene		1.619	1.544	1.564	1.450	1.591	1.534	4.3
2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.102	5.0
3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.474	7.0
Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.385	5.4
Hexachloroethane	0.553	0.564	0.544	0.552	0.533	0.593	0.555	3.3
Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.350	4.1
Hexachlorobutadiene		0.188	0.184	0.189	0.182	0.202	0.190	3.7
2,4,6-Trichlorophenol		0.346	0.347	0.379	0.375	0.414	0.380	6.9
2-Fluorobiphenyl		1.589	1.536	1.532	1.377	1.463	1.477	5.7
2,4,5-Trichlorophenol		0.371	0.382	0.424	0.414	0.457	0.417	7.5
2,4-Dinitrotoluene		0.250	0.283	0.365	0.396	0.447	0.360	19.3
2,4,6-Tribromophenol		0.210	0.213	0.238	0.231	0.254	0.227	7.0
Hexachlorobenzene		0.249	0.240	0.253	0.238	0.261	0.249	3.3
Pentachlorophenol		0.133	0.138	0.165	0.164	0.187	0.162	12.2
Terphenyl-d14		1.148	1.088	1.165	1.010	1.064	1.055	8.1

All other compounds must meet a minimum RRF of 0.010.