

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: AECO02
Lab Code: CHEM Case No.: P4861 SAS No.: P4861 SDG No.: P4861
Instrument ID: BNA_F Calibration Date(s): 11/13/2024 11/13/2024
Calibration Time(s): 09:01 12:48

LAB FILE ID:		RRF2.5 = BF140332.D		RRF005 = BF140333.D		RRF010 = BF140334.D		
		RRF020 = BF140335.D		RRF050 = BF140337.D		RRF060 = BF140338.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1