

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: AECO02
Lab Code: CHEM Case No.: Q1913 SAS No.: Q1913 SDG No.: Q1913
Instrument ID: BNA_F Calibration Date(s): 04/30/2025 04/30/2025
Calibration Time(s): 11:24 14:43

LAB FILE ID:		RRF2.5 = BF142239.D		RRF005 = BF142240.D		RRF010 = BF142241.D		
		RRF020 = BF142242.D		RRF040 = BF142243.D		RRF050 = BF142244.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.465	1.391	1.454	1.522	1.503	1.454	3.6
2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.252	5.3
Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.512	4.9
1,4-Dichlorobenzene		1.610	1.486	1.495	1.546	1.488	1.475	6.9
2-Methylphenol		1.085	1.029	1.068	1.121	1.084	1.060	4.2
3+4-Methylphenols		1.357	1.323	1.372	1.400	1.366	1.326	5.9
Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.304	16.9
Hexachloroethane		0.468	0.466	0.481	0.511	0.514	0.483	4.8
Nitrobenzene		0.229	0.261	0.297	0.328	0.338	0.299	13.3
Hexachlorobutadiene		0.180	0.175	0.179	0.185	0.178	0.175	4.3
2,4,6-Trichlorophenol		0.275	0.329	0.353	0.370	0.375	0.349	10.5
2-Fluorobiphenyl		1.738	1.580	1.520	1.409	1.347	1.418	15.1
2,4,5-Trichlorophenol		0.322	0.330	0.362	0.404	0.411	0.367	9.2
2,4-Dinitrotoluene		0.104	0.145	0.213	0.285	0.311	0.239	36.0
2,4,6-Tribromophenol		0.139	0.158	0.184	0.204	0.205	0.182	13.7
Hexachlorobenzene		0.256	0.245	0.248	0.261	0.255	0.249	3.3
Pentachlorophenol			0.093	0.121	0.144	0.145	0.132	16.2
Terphenyl-d14		1.472	1.413	1.422	1.481	1.392	1.375	8.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1