



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: loui01
Lab Code: CHEM Case No.: O1232 SAS No.: O1232 SDG No.: O1232
Instrument ID: BNA_P Calibration Date(s): 01/23/2023 01/23/2023
Calibration Time(s): 11:25 16:01

LAB FILE ID:		RRF2.5 = BP013545.D			RRF005 = BP013546.D		RRF010 = BP013547.D	
		RRF020 = BP013548.D			RRF040 = BP013549.D		RRF050 = BP013550.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.214	1.132	1.167	1.231	1.185	1.167	4.1
Phenol-d6		1.602	1.516	1.588	1.626	1.590	1.571	2.7
Nitrobenzene-d5		0.231	0.255	0.297	0.330	0.340	0.303	14.5
Naphthalene		1.084	1.044	1.078	1.108	1.103	1.075	2.6
2-Fluorobiphenyl		1.472	1.448	1.468	1.532	1.524	1.457	5.2
Acenaphthylene		1.931	1.901	1.972	2.038	2.042	1.968	3.0
Acenaphthene		1.197	1.165	1.200	1.251	1.263	1.216	2.8
Fluorene		1.523	1.445	1.503	1.509	1.513	1.482	2.7
2,4,6-Tribromophenol		0.167	0.172	0.199	0.213	0.226	0.201	13.2
Phenanthrene		1.134	1.075	1.111	1.151	1.145	1.113	3.3
Anthracene		1.115	1.085	1.132	1.181	1.167	1.129	3.6
Fluoranthene		1.200	1.090	1.134	1.255	1.206	1.183	4.7
Pyrene		1.598	1.534	1.636	1.482	1.539	1.529	4.8
Terphenyl-d14		1.183	1.124	1.204	1.112	1.126	1.112	7.7
Benzo (a) anthracene		1.403	1.336	1.388	1.431	1.430	1.393	2.6
Chrysene		1.337	1.294	1.343	1.376	1.366	1.333	2.7
Benzo (b) fluoranthene		1.203	1.148	1.199	1.268	1.267	1.230	4.0
Benzo (k) fluoranthene		1.250	1.198	1.250	1.263	1.266	1.255	2.8
Benzo (a) pyrene		1.154	1.118	1.177	1.240	1.242	1.194	3.9
Indeno (1,2,3-cd) pyrene		1.332	1.396	1.481	1.589	1.607	1.473	8.4
Dibenzo (a,h) anthracene		1.101	1.171	1.240	1.331	1.355	1.236	8.7
Benzo (g,h,i) perylene		1.097	1.162	1.219	1.297	1.319	1.206	8.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1