

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ALLI03
Lab Code: CHEM Case No.: Q1872 SAS No.: Q1872 SDG No.: Q1872
Instrument ID: BNA_N Calibration Date(s): 04/28/2025 04/28/2025
Calibration Time(s): 11:35 15:12

LAB FILE ID:		RRF0.1 = BN036923.D			RRF0.2 = BN036924.D		RRF0.4 = BN036925.D	
		RRF0.8 = BN036926.D			RRF1.6 = BN036927.D		RRF3.2 = BN036928.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.540	0.532	0.541	0.543	0.596	0.575	0.559	4.7
Fluoranthene-d10	0.993	1.004	0.991	1.016	1.087	1.053	1.037	4.7
2-Fluorophenol	1.050	1.056	1.118	0.946	1.040	0.982	1.023	5.9
Phenol-d6	1.270	1.237	1.337	1.151	1.294	1.255	1.259	4.6
Nitrobenzene-d5	0.400	0.401	0.411	0.404	0.446	0.432	0.418	4.5
Naphthalene	1.155	1.147	1.155	1.132	1.225	1.170	1.164	2.6
2-Methylnaphthalene	0.716	0.713	0.719	0.735	0.804	0.782	0.753	5.4
2-Fluorobiphenyl	1.877	1.975	2.055	1.690	2.023	1.986	1.933	6.3
Acenaphthylene	1.876	1.850	1.907	1.884	2.067	2.035	1.955	4.9
Acenaphthene	1.264	1.270	1.275	1.248	1.333	1.295	1.284	2.2
Fluorene	1.604	1.612	1.624	1.658	1.788	1.720	1.680	4.4
2,4,6-Tribromophenol	0.156	0.173	0.177	0.175	0.187	0.184	0.178	7.2
Phenanthrene	1.309	1.274	1.299	1.280	1.387	1.346	1.320	3.1
Anthracene	1.131	1.108	1.147	1.138	1.275	1.261	1.194	6.7
Fluoranthene	1.387	1.380	1.399	1.471	1.578	1.530	1.480	6.5
Pyrene	1.919	1.942	1.958	1.802	2.073	1.969	1.927	4.8
Terphenyl-d14	0.974	0.942	0.946	0.893	1.005	0.952	0.944	4.2
Benzo (a) anthracene	1.402	1.407	1.429	1.422	1.583	1.509	1.473	5.2
Chrysene	1.517	1.576	1.637	1.582	1.700	1.572	1.589	3.9
Benzo (b) fluoranthene	1.580	1.552	1.634	1.628	1.796	1.758	1.682	6.5
Benzo (k) fluoranthene	1.601	1.569	1.648	1.641	1.812	1.784	1.691	5.9
Benzo (a) pyrene	1.315	1.301	1.361	1.315	1.463	1.447	1.383	5.6
Indeno (1,2,3-cd) pyrene	1.595	1.571	1.712	1.503	1.720	1.724	1.634	5.3
Dibenzo (a,h) anthracene	1.229	1.241	1.349	1.176	1.357	1.379	1.286	6.0
Benzo (g,h,i) perylene	1.459	1.405	1.515	1.305	1.495	1.470	1.427	5.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1