

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG No.: P3645
Instrument ID: BNA_N Calibration Date(s): 08/19/2024 08/19/2024
Calibration Time(s): 16:16 19:53

LAB FILE ID:		RRF0.1 = BN033479.D			RRF0.2 = BN033480.D		RRF0.4 = BN033481.D	
		RRF0.8 = BN033482.D			RRF1.6 = BN033483.D		RRF3.2 = BN033484.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.577	0.566	0.492	0.616	0.603	0.566	0.572	7.0
Fluoranthene-d10	0.947	0.919	0.870	1.011	1.015	0.968	0.961	5.6
2-Fluorophenol	1.276	1.281	1.267	1.350	1.327	1.196	1.271	4.5
Phenol-d6	1.555	1.576	1.360	1.677	1.598	1.464	1.512	8.1
Nitrobenzene-d5	0.341	0.324	0.303	0.352	0.345	0.322	0.332	5.0
Naphthalene	1.082	1.068	0.947	1.155	1.127	1.042	1.069	6.2
2-Methylnaphthalene	0.665	0.667	0.586	0.732	0.716	0.678	0.677	7.0
2-Fluorobiphenyl	1.627	1.601	1.487	1.761	1.731	1.609	1.634	5.5
Acenaphthylene	1.626	1.609	1.535	1.870	1.893	1.837	1.754	9.0
Acenaphthene	1.185	1.177	1.104	1.325	1.322	1.249	1.234	6.7
Fluorene	1.558	1.483	1.381	1.667	1.647	1.567	1.555	6.3
2,4,6-Tribromophenol	0.212	0.202	0.185	0.220	0.226	0.223	0.215	8.0
Phenanthrene	1.093	1.067	1.033	1.177	1.168	1.113	1.113	4.7
Anthracene	0.931	0.912	0.876	1.035	1.046	1.035	0.985	7.7
Fluoranthene	1.178	1.153	1.106	1.303	1.313	1.266	1.230	6.7
Pyrene	1.756	1.763	1.704	1.901	1.855	1.751	1.785	3.8
Terphenyl-d14	0.907	0.896	0.862	0.966	0.943	0.890	0.909	3.8
Benzo (a) anthracene	1.485	1.369	1.317	1.525	1.529	1.426	1.446	5.5
Chrysene	1.435	1.392	1.331	1.557	1.514	1.403	1.437	5.3
Benzo (b) fluoranthene	1.524	1.432	1.336	1.578	1.573	1.480	1.494	5.8
Benzo (k) fluoranthene	1.439	1.393	1.324	1.556	1.576	1.492	1.470	6.1
Benzo (a) pyrene	1.228	1.162	1.096	1.309	1.317	1.251	1.236	6.6
Indeno (1,2,3-cd) pyrene	1.616	1.580	1.535	1.779	1.759	1.661	1.661	5.4
Dibenzo (a,h) anthracene	1.283	1.264	1.231	1.426	1.410	1.329	1.328	5.6
Benzo (g,h,i) perylene	1.399	1.372	1.296	1.518	1.506	1.413	1.420	5.4
1,4-Dioxane	0.523	0.513	0.329	0.524	0.488	0.452	0.460	16.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1