

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JACO05
Lab Code: CHEM Case No.: P3596 SAS No.: P3596 SDG No.: P3596
Instrument ID: BNA_M Calibration Date(s): 08/10/2024 08/10/2024
Calibration Time(s): 13:12 17:51

LAB FILE ID:		RRF2.5 = BM047140.D			RRF005 = BM047141.D		RRF010 = BM047142.D	
		RRF020 = BM047143.D			RRF040 = BM047144.D		RRF050 = BM047145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.448	1.390	1.458	1.302	1.299	1.360	5.2
2-Fluorophenol		1.215	1.184	1.197	1.071	1.050	1.119	6.7
Benzaldehyde		1.187	1.048	1.024	0.776	0.750	0.904	23.4
Phenol-d6		1.643	1.599	1.652	1.478	1.470	1.542	5.5
2-Methylphenol		1.064	1.055	1.115	1.003	0.998	1.027	5.2
Acetophenone		0.547	0.517	0.510	0.462	0.450	0.483	8.6
3+4-Methylphenols		1.462	1.442	1.570	1.411	1.405	1.435	4.8
Nitrobenzene-d5		0.423	0.417	0.420	0.390	0.378	0.397	5.5
Nitrobenzene		0.425	0.427	0.428	0.393	0.380	0.400	6.4
2,4-Dichlorophenol		0.289	0.300	0.318	0.312	0.310	0.308	3.3
Naphthalene		1.075	1.041	1.042	0.966	0.949	0.996	5.5
Hexachlorobutadiene		0.199	0.200	0.207	0.203	0.203	0.204	2.0
2-Methylnaphthalene		0.741	0.730	0.742	0.689	0.681	0.709	3.8
2,4,6-Trichlorophenol		0.355	0.372	0.394	0.399	0.394	0.388	4.5
2-Fluorobiphenyl		1.406	1.341	1.336	1.265	1.247	1.297	5.1
2,4,5-Trichlorophenol		0.410	0.410	0.438	0.437	0.436	0.430	3.4
Acenaphthylene		1.719	1.699	1.732	1.602	1.575	1.640	4.5
Acenaphthene		1.115	1.079	1.086	1.008	0.991	1.041	4.9
Dibenzofuran		1.790	1.731	1.728	1.579	1.559	1.644	6.2
Fluorene		1.469	1.428	1.426	1.309	1.290	1.356	6.0
2,4,6-Tribromophenol		0.222	0.233	0.248	0.232	0.228	0.232	3.6
Hexachlorobenzene		0.236	0.234	0.240	0.229	0.226	0.231	2.7
Pentachlorophenol		0.141	0.152	0.165	0.168	0.166	0.162	6.9
Phenanthrene		1.090	1.035	1.036	0.976	0.967	1.004	5.0
Carbazole		1.071	1.041	1.052	0.971	0.954	0.997	5.6
Di-n-butylphthalate		1.175	1.187	1.223	1.165	1.134	1.160	3.5
Fluoranthene		1.294	1.239	1.255	1.199	1.179	1.221	3.6
Pyrene		1.456	1.398	1.443	1.425	1.414	1.428	1.5
Terphenyl-d14		0.924	0.916	0.958	0.937	0.928	0.933	1.6
Benzo (a) anthracene		1.390	1.331	1.364	1.300	1.291	1.328	2.9
Chrysene		1.350	1.283	1.301	1.224	1.214	1.260	4.2
Bis (2-ethylhexyl) phthalate		0.771	0.808	0.867	0.845	0.832	0.826	3.8
Benzo (b) fluoranthene		1.182	1.200	1.222	1.161	1.179	1.188	1.9
Benzo (k) fluoranthene		1.192	1.134	1.175	1.097	1.059	1.122	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM Case No.: P3596 SAS No.: P3596 SDG No.: P3596
Instrument ID: BNA_M Calibration Date(s): 08/10/2024 08/10/2024
Calibration Time(s): 13:12 17:51

LAB FILE ID:		RRF2.5 = BM047140.D			RRF005 = BM047141.D		RRF010 = BM047142.D	
		RRF020 = BM047143.D			RRF040 = BM047144.D		RRF050 = BM047145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)pyrene		1.014	1.015	1.066	1.024	1.012	1.029	1.9
Indeno(1,2,3-cd)pyrene		1.326	1.280	1.366	1.279	1.278	1.293	3.4
Dibenzo(a,h)anthracene		1.096	1.051	1.119	1.021	1.021	1.046	4.4
Benzo(g,h,i)perylene		1.119	1.082	1.162	1.076	1.082	1.086	4.4
1,4-Dioxane		0.519	0.490	0.495	0.438	0.436	0.464	7.9
1-Methylnaphthalene		0.737	0.726	0.735	0.681	0.668	0.701	4.3