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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: P5279 SAS No.: P5279 SDG No.: P5279

Instrument ID: BNA_F Calibration Date(s): 12/16/2024 12/16/2024

Calibration Time(s): 12:13 16:15

LAB FILE ID: RRF2.5 = BF140855.D RRF005 = BF140856.D RRF010 = BF140857.D
RRF020 = BF140858.D RRF040 = BF140859.D RRF050 = BF140860.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.211	1.236	1.279	1.199	1.231	1.215	4.4
Phenol-d6		1.692	1.661	1.661	1.567	1.576	1.609	4.5
Nitrobenzene-d5		0.406	0.401	0.420	0.393	0.397	0.400	4.4
Naphthalene		1.138	1.125	1.126	1.067	1.090	1.099	3.9
2-Fluorobiphenyl		1.560	1.410	1.538	1.369	1.345	1.455	5.8
Acenaphthylene		1.874	1.821	1.880	1.734	1.696	1.788	4.1
Acenaphthene		1.228	1.190	1.166	1.113	1.100	1.142	5.2
Fluorene		1.573	1.522	1.492	1.444	1.429	1.460	5.3
2,4,6-Tribromophenol		0.235	0.236	0.242	0.240	0.235	0.237	2.6
Phenanthrene		1.125	1.081	1.072	0.983	0.988	1.028	6.5
Anthracene		1.091	1.064	1.053	0.970	0.978	1.013	5.7
Fluoranthene		1.364	1.291	1.251	1.130	1.138	1.184	11.5
Pyrene		1.904	1.719	1.650	1.699	1.761	1.779	6.1
Terphenyl-d14		1.354	1.247	1.218	1.206	1.212	1.268	5.6
Benzo(a)anthracene		1.494	1.473	1.421	1.359	1.388	1.417	3.6
Chrysene		1.361	1.284	1.364	1.271	1.254	1.289	4.4
Benzo(b)fluoranthene		1.454	1.466	1.450	1.294	1.263	1.388	6.1
Benzo(k)fluoranthene		1.318	1.250	1.223	1.224	1.142	1.191	8.6
Benzo(a)pyrene		1.099	1.084	1.134	1.073	1.056	1.087	3.1
Indeno(1,2,3-cd)pyrene		1.130	1.174	1.330	1.269	1.109	1.248	8.9
Dibenzo(a,h)anthracene		0.913	0.986	1.092	1.058	0.918	1.034	9.3
Benzo(g,h,i)perylene		0.961	0.972	1.094	1.073	0.944	1.052	9.5

All other compounds must meet a minimum RRF of 0.010.