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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: P5150 SAS No.: P5150 SDG No.: P5150

Instrument ID: MSVOA_L Calibration Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Calibration Time(s): 14:10 17:21

GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID: RRF010 = VL041719.D RRF002 = VL041720.D RRF001 = VL041721.D
RRF0.5 = VL041722.D RRF0.1 = VL041723.D RRF.03 = VL041724.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Vinyl Chloride	0.478	0.524	0.526	0.547	0.557	0.716	0.571	14.3
Heptane	1.529	1.656	1.655	1.651			1.605	4.2
1,1-Dichloroethene	0.715	0.815	0.844	0.807			0.827	10.4
Cyclohexane	1.655	1.808	1.774	1.806			1.748	4
cis-1,2-Dichloroethene	1.363	1.509	1.482	1.478			1.442	4.7
1,1,1-Trichloroethane	2.239	2.429	2.360	2.283	2.220	2.580	2.343	5.4
2,2,4-Trimethylpentane	1.027	1.142	1.148	1.124			1.094	5.5
Benzene	0.735	0.812	0.818	0.820			0.786	5.4
1,2-Dichloroethane	0.270	0.295	0.288	0.292			0.284	3.7
Trichloroethene	0.388	0.425	0.417	0.410	0.378	0.440	0.408	5.3
Toluene	0.909	1.055	0.987	0.959			0.966	6
Tetrachloroethene	0.384	0.436	0.410	0.411	0.428	0.451	0.417	5.6
Ethyl Benzene	1.272	1.441	1.366	1.351			1.338	5.5
m/p-Xylene	0.971	1.096	1.065	1.027			1.026	5.5
o-Xylene	0.970	1.076	1.051	1.018			1.017	4.7
1,3,5-Trimethylbenzene	1.043	1.116	1.072	1.022			1.062	3.4
1,2,4-Trimethylbenzene	1.143	1.227	1.142	1.108			1.155	3.8
Naphthalene	1.022	1.129	1.002	0.903	0.807		0.988	11.8
1-Bromo-4-Fluorobenzene	0.663	0.661	0.654	0.653	0.658	0.651	0.657	0.7
Hexane	1.455	1.638	1.610	1.616			1.556	5.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.