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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q2368 SAS No.: Q2368 SDG No.: Q2368

Instrument ID: MSVOA_L Calibration Date(s): 05/29/2025 05/29/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:09 14:24

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

LAB FILE ID: RRF010 = VL042579.D RRF002 = VL042580.D RRF001 = VL042581.D
RRF0.5 = VL042582.D RRF0.1 = VL042583.D RRF.03 = VL042584.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Vinyl Chloride	0.437	0.468	0.487	0.529	0.465	0.675	0.496	17.7
Heptane	1.777	1.981	2.082	2.079			1.921	9.4
1,1-Dichloroethene	0.377	0.437	0.451	0.451			0.416	10.1
Cyclohexane	1.146	1.288	1.363	1.318			1.242	9.4
cis-1,2-Dichloroethene	1.271	1.465	1.461	1.419			1.370	8
1,1,1-Trichloroethane	1.794	2.029	2.043	2.004	2.083	2.207	1.990	7.9
2,2,4-Trimethylpentane	1.522	1.765	1.830	1.811			1.684	9.7
Benzene	0.900	1.027	1.052	1.051			0.985	8.2
Trichloroethene	0.376	0.438	0.455	0.468	0.432	0.389	0.419	9.3
Toluene	1.054	1.197	1.190	1.210			1.138	7.4
Tetrachloroethene	0.333	0.390	0.383	0.391	0.407	0.351	0.368	8.9
Ethyl Benzene	1.547	1.833	1.786	1.770			1.696	8.2
m/p-Xylene	1.212	1.431	1.412	1.411			1.335	8.5
o-Xylene	1.187	1.441	1.410	1.430			1.331	9.9
1,3,5-Trimethylbenzene	1.235	1.475	1.482	1.441			1.374	9.3
1,2,4-Trimethylbenzene	1.335	1.666	1.675	1.640			1.524	12.3
Naphthalene	1.384	1.785	1.634	1.366	1.088		1.437	16.9
1-Bromo-4-Fluorobenzene	0.744	0.741	0.751	0.755	0.751	0.752	0.750	0.7
Hexane	1.350	1.526	1.638	1.690			1.498	11.8

* 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.