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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1450 SAS No.: Q1450 SDG No.: Q1450

Instrument ID: MSVOA_L Calibration Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:56 12:07

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

LAB FILE ID: RRF010 = VL042041.D RRF002 = VL042042.D RRF001 = VL042043.D
RRF0.5 = VL042044.D RRF0.1 = VL042045.D RRF.03 = VL042046.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{\text{RRF}}$	% RSD
Vinyl Chloride	0.337	0.361	0.346	0.376	0.336	0.447	0.364	10.9
Heptane	1.662	1.960	1.946	1.971			1.844	8.6
1,1-Dichloroethene	0.320	0.386	0.437	0.398			0.376	12.6
Cyclohexane	1.076	1.255	1.239	1.154			1.160	7.4
cis-1,2-Dichloroethene	1.237	1.450	1.401	1.421			1.353	7.3
1,1,1-Trichloroethane	1.771	1.944	1.916	1.883	1.875	1.921	1.866	4.1
2,2,4-Trimethylpentane	1.670	1.955	1.935	1.928			1.848	7
Benzene	0.969	1.104	1.084	1.079			1.047	5.7
Trichloroethene	0.378	0.447	0.447	0.433	0.462	0.447	0.427	8.1
Toluene	1.088	1.284	1.210	1.150			1.170	6.7
Tetrachloroethene	0.327	0.385	0.383	0.380	0.374	0.322	0.358	7.9
Ethyl Benzene	1.694	1.974	1.906	1.886			1.842	6.3
m/p-Xylene	1.330	1.580	1.550	1.488			1.466	7.4
o-Xylene	1.317	1.577	1.550	1.572			1.473	8.7
1,3,5-Trimethylbenzene	1.381	1.696	1.732	1.592			1.560	10.5
1,2,4-Trimethylbenzene	1.471	1.990	1.982	1.855			1.757	14.8
Naphthalene	1.371	1.352	1.237	0.978	0.841		1.205	20.2
1-Bromo-4-Fluorobenzene	0.764	0.765	0.777	0.768	0.760	0.773	0.769	0.9
Hexane	1.282	1.519	1.462	1.596			1.429	9.8

* 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.