

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1430 SAS No.: Q1430 SDG No.: Q1430

Instrument ID: MSVOA_L Calibration Date/Time: 02/26/2025 08:38

Lab File ID: VL042050.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 08:56 12:07

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

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.040	1.010		-2.88	30
Chloromethane	0.385	0.345		-10.39	30
Vinyl Chloride	0.364	0.342		-6.04	30
Bromomethane	0.173	0.163		-5.78	30
Chloroethane	0.148	0.140		-5.41	30
Tetrahydrofuran	0.460	0.462		0.44	30
Trichlorofluoromethane	1.042	0.989		-5.09	30
1,1,2-Trichlorotrifluoroethane	0.831	0.726		-12.64	30
Dichlorotetrafluoroethane	0.855	0.822		-3.86	30
tert-Butyl alcohol	1.105	0.973		-11.95	30
Heptane	1.844	1.702		-7.7	30
1,1-Dichloroethene	0.376	0.324		-13.83	30
Acetone	0.883	0.739		-16.31	30
Carbon Disulfide	0.969	0.880		-9.19	30
Methyl tert-Butyl Ether	0.711	0.563		-20.82	30
Methylene Chloride	0.334	0.272		-18.56	30
trans-1,2-Dichloroethene	0.438	0.391		-10.73	30
1,1-Dichloroethane	0.815	0.751		-7.85	30
Cyclohexane	1.160	1.063		-8.36	30
2-Butanone	0.779	0.771		-1.03	30
Carbon Tetrachloride	0.690	0.703		1.88	30
cis-1,2-Dichloroethene	1.353	1.254		-7.32	30
Chloroform	1.923	1.740		-9.52	30
1,1,1-Trichloroethane	1.866	1.748		-6.32	30
2,2,4-Trimethylpentane	1.848	1.817		-1.68	30
Benzene	1.047	1.019		-2.67	30
1,2-Dichloroethane	0.580	0.580		0	30
Trichloroethene	0.427	0.385		-9.84	30
1,2-Dichloropropane	0.397	0.392		-1.26	30
Bromodichloromethane	0.782	0.792		1.28	30
4-Methyl-2-Pentanone	1.008	1.093		8.43	30
Toluene	1.170	1.136		-2.91	30
t-1,3-Dichloropropene	0.406	0.401		-1.23	30
cis-1,3-Dichloropropene	0.526	0.530		0.76	30
1,1,2-Trichloroethane	0.403	0.382		-5.21	30
Dibromochloromethane	0.632	0.621		-1.74	30
1,2-Dibromoethane	0.545	0.518		-4.95	30
Tetrachloroethene	0.358	0.339		-5.31	30

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Chlorobenzene	1.037	0.972		-6.27	30
Ethyl Benzene	1.842	1.780		-3.37	30
m/p-Xylene	1.466	1.424		-2.87	30
o-Xylene	1.473	1.416		-3.87	30
Styrene	0.693	0.688		-0.72	30
Bromoform	0.549	0.531		-3.28	30
1,1,2,2-Tetrachloroethane	0.970	0.929		-4.23	30
2-Chlorotoluene	1.701	1.623		-4.59	30
1,3,5-Trimethylbenzene	1.560	1.443		-7.5	30
1,2,4-Trimethylbenzene	1.757	1.571		-10.59	30
1,3-Dichlorobenzene	1.011	0.920		-9	30
1,4-Dichlorobenzene	1.004	0.921		-8.27	30
1,2-Dichlorobenzene	0.981	0.901		-8.15	30
1,2,4-Trichlorobenzene	0.671	0.674		0.45	30
Hexachloro-1,3-Butadiene	0.764	0.682		-10.73	30
1,3-Butadiene	0.411	0.375		-8.76	30
Naphthalene	1.205	1.469		21.91	30
4-Ethyltoluene	1.799	1.710		-4.95	30
1-Bromo-4-Fluorobenzene	0.769	0.787		2.34	30
Hexane	1.429	1.315		-7.98	30
Allyl Chloride	0.638	0.549		-13.95	30
1,4-Dioxane	181.383	177.296		-2.25	30
Methyl Methacrylate	0.409	0.404		-1.22	30

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