

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: 03/03/2025 12:15

Lab File ID: VL042075.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	1.021		-1.83	30
Chloromethane	0.385	0.353		-8.31	30
Vinyl Chloride	0.364	0.348		-4.4	30
Bromomethane	0.173	0.174		0.58	30
Chloroethane	0.148	0.139		-6.08	30
Tetrahydrofuran	0.460	0.463		0.65	30
Trichlorofluoromethane	1.042	1.082		3.84	30
1,1,2-Trichlorotrifluoroethane	0.831	0.821		-1.2	30
Dichlorotetrafluoroethane	0.855	0.831		-2.81	30
tert-Butyl alcohol	1.105	1.009		-8.69	30
Heptane	1.844	1.646		-10.74	30
1,1-Dichloroethene	0.376	0.362		-3.72	30
Acetone	0.883	0.773		-12.46	30
Carbon Disulfide	0.969	0.960		-0.93	30
Methyl tert-Butyl Ether	0.711	0.591		-16.88	30
Methylene Chloride	0.334	0.306		-8.38	30
trans-1,2-Dichloroethene	0.438	0.419		-4.34	30
1,1-Dichloroethane	0.815	0.788		-3.31	30
Cyclohexane	1.160	0.983		-15.26	30
2-Butanone	0.779	0.793		1.8	30
Carbon Tetrachloride	0.690	0.687		-0.44	30
cis-1,2-Dichloroethene	1.353	1.208		-10.72	30
Chloroform	1.923	1.697		-11.75	30
1,1,1-Trichloroethane	1.866	1.590		-14.79	30
2,2,4-Trimethylpentane	1.848	1.787		-3.3	30
Benzene	1.047	1.003		-4.2	30
1,2-Dichloroethane	0.580	0.575		-0.86	30
Trichloroethene	0.427	0.378		-11.48	30
1,2-Dichloropropane	0.397	0.388		-2.27	30
Bromodichloromethane	0.782	0.770		-1.53	30
4-Methyl-2-Pentanone	1.008	1.102		9.32	30
Toluene	1.170	1.096		-6.32	30
t-1,3-Dichloropropene	0.406	0.367		-9.61	30
cis-1,3-Dichloropropene	0.526	0.492		-6.46	30
1,1,2-Trichloroethane	0.403	0.380		-5.71	30
Dibromochloromethane	0.632	0.597		-5.54	30
1,2-Dibromoethane	0.545	0.507		-6.97	30
Tetrachloroethene	0.358	0.330		-7.82	30

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

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: 03/03/2025 12:15

Lab File ID: VL042075.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
Chlorobenzene	1.037	0.983		-5.21	30
Ethyl Benzene	1.842	1.764		-4.24	30
m/p-Xylene	1.466	1.426		-2.73	30
o-Xylene	1.473	1.425		-3.26	30
Styrene	0.693	0.685		-1.15	30
Bromoform	0.549	0.525		-4.37	30
1,1,2,2-Tetrachloroethane	0.970	0.936		-3.51	30
2-Chlorotoluene	1.701	1.623		-4.59	30
1,3,5-Trimethylbenzene	1.560	1.474		-5.51	30
1,2,4-Trimethylbenzene	1.757	1.627		-7.4	30
1,3-Dichlorobenzene	1.011	0.951		-5.93	30
1,4-Dichlorobenzene	1.004	0.955		-4.88	30
1,2-Dichlorobenzene	0.981	0.939		-4.28	30
1,2,4-Trichlorobenzene	0.671	0.679		1.19	30
Hexachloro-1,3-Butadiene	0.764	0.673		-11.91	30
1,3-Butadiene	0.411	0.375		-8.76	30
Naphthalene	1.205	1.484		23.15	30
4-Ethyltoluene	1.799	1.735		-3.56	30
1-Bromo-4-Fluorobenzene	0.769	0.781		1.56	30
Hexane	1.429	1.250		-12.53	30
Allyl Chloride	0.638	0.622		-2.51	30
1,4-Dioxane	181.383	169.533		-6.53	30
Methyl Methacrylate	0.409	0.392		-4.16	30

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