

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: Q1342 SAS No.: Q1342 SDG No.: Q1342

Instrument ID: MSVOA_L Calibration Date/Time: 02/11/2025 09:21

Lab File ID: VL041995.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:55 16:05

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

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.362	1.118		-17.92	30
Chloromethane	0.512	0.477		-6.84	30
Vinyl Chloride	0.519	0.459		-11.56	30
Bromomethane	0.247	0.211		-14.57	30
Chloroethane	0.202	0.185		-8.42	30
Tetrahydrofuran	0.346	0.364		5.2	30
Trichlorofluoromethane	1.417	1.196		-15.6	30
1,1,2-Trichlorotrifluoroethane	1.111	0.980		-11.79	30
Dichlorotetrafluoroethane	1.190	1.055		-11.35	30
tert-Butyl alcohol	1.478	1.175		-20.5	30
Heptane	1.571	1.514		-3.63	30
1,1-Dichloroethene	0.501	0.414		-17.36	30
Acetone	1.201	1.025		-14.65	30
Carbon Disulfide	1.268	1.179		-7.02	30
Methyl tert-Butyl Ether	0.979	0.786		-19.71	30
Methylene Chloride	0.475	0.354		-25.47	30
trans-1,2-Dichloroethene	0.565	0.491		-13.1	30
1,1-Dichloroethane	1.093	0.993		-9.15	30
Cyclohexane	1.111	1.040		-6.39	30
2-Butanone	0.636	0.639		0.47	30
Carbon Tetrachloride	0.628	0.639		1.75	30
cis-1,2-Dichloroethene	1.349	1.193		-11.64	30
Chloroform	2.025	1.911		-5.63	30
1,1,1-Trichloroethane	1.938	1.777		-8.31	30
2,2,4-Trimethylpentane	1.484	1.513		1.95	30
Benzene	0.917	0.892		-2.73	30
1,2-Dichloroethane	0.515	0.497		-3.49	30
Trichloroethene	0.364	0.357		-1.92	30
1,2-Dichloropropane	0.322	0.323		0.31	30
Bromodichloromethane	0.691	0.684		-1.01	30
4-Methyl-2-Pentanone	0.868	0.886		2.07	30
Toluene	0.999	0.986		-1.3	30
t-1,3-Dichloropropene	0.319	0.300		-5.96	30
cis-1,3-Dichloropropene	0.419	0.408		-2.63	30
1,1,2-Trichloroethane	0.341	0.343		0.59	30
Dibromochloromethane	0.526	0.542		3.04	30
1,2-Dibromoethane	0.469	0.466		-0.64	30
Tetrachloroethene	0.318	0.286		-10.06	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	0.922	0.898		-2.6	30
Ethyl Benzene	1.563	1.531		-2.05	30
m/p-Xylene	1.253	1.269		1.28	30
o-Xylene	1.243	1.261		1.45	30
Styrene	0.558	0.559		0.18	30
Bromoform	0.432	0.449		3.93	30
1,1,2,2-Tetrachloroethane	0.795	0.820		3.14	30
2-Chlorotoluene	1.423	1.378		-3.16	30
1,3,5-Trimethylbenzene	1.313	1.297		-1.22	30
1,2,4-Trimethylbenzene	1.422	1.413		-0.63	30
1,3-Dichlorobenzene	0.843	0.811		-3.8	30
1,4-Dichlorobenzene	0.825	0.802		-2.79	30
1,2-Dichlorobenzene	0.835	0.812		-2.75	30
1,2,4-Trichlorobenzene	0.699	0.551		-21.17	30
Hexachloro-1,3-Butadiene	0.686	0.545		-20.55	30
1,3-Butadiene	0.539	0.491		-8.9	30
Naphthalene	1.432	1.231		-14.04	30
4-Ethyltoluene	1.487	1.497		0.67	30
1-Bromo-4-Fluorobenzene	0.788	0.790		0.25	30
Hexane	1.281	1.236		-3.51	30
Allyl Chloride	0.832	0.759		-8.77	30
1,4-Dioxane	162.477	158.035		-2.73	30
Methyl Methacrylate	0.341	0.323		-5.28	30

All other compounds must meet a minimum RRF of 0.010.
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