

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: RTPE01

Lab Code: CHEM Case No.: Q1586 SAS No.: Q1586 SDG No.: Q1586

Instrument ID: MSVOA_L Calibration Date/Time: 03/17/2025 09:55

Lab File ID: VL042150.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	1.104		6.15	30
Chloromethane	0.385	0.433		12.47	30
Vinyl Chloride	0.364	0.409		12.36	30
Bromomethane	0.173	0.195		12.72	30
Chloroethane	0.148	0.159		7.43	30
Tetrahydrofuran	0.460	0.400		-13.04	30
Trichlorofluoromethane	1.042	1.203		15.45	30
1,1,2-Trichlorotrifluoroethane	0.831	0.856		3.01	30
Dichlorotetrafluoroethane	0.855	0.953		11.46	30
tert-Butyl alcohol	1.105	1.010		-8.6	30
Heptane	1.844	1.498		-18.76	30
1,1-Dichloroethene	0.376	0.388		3.19	30
Acetone	0.883	0.922		4.42	30
Carbon Disulfide	0.969	1.008		4.03	30
Methyl tert-Butyl Ether	0.711	0.635		-10.69	30
Methylene Chloride	0.334	0.398		19.16	30
trans-1,2-Dichloroethene	0.438	0.423		-3.42	30
1,1-Dichloroethane	0.815	0.857		5.15	30
Cyclohexane	1.160	0.925		-20.26	30
2-Butanone	0.779	0.708		-9.11	30
Carbon Tetrachloride	0.690	0.677		-1.88	30
cis-1,2-Dichloroethene	1.353	1.048		-22.54	30
Chloroform	1.923	1.681		-12.59	30
1,1,1-Trichloroethane	1.866	1.524		-18.33	30
2,2,4-Trimethylpentane	1.848	1.697		-8.17	30
Benzene	1.047	0.936		-10.6	30
1,2-Dichloroethane	0.580	0.528		-8.97	30
Trichloroethene	0.427	0.353		-17.33	30
1,2-Dichloropropane	0.397	0.353		-11.08	30
Bromodichloromethane	0.782	0.708		-9.46	30
4-Methyl-2-Pentanone	1.008	0.944		-6.35	30
Toluene	1.170	0.964		-17.61	30
t-1,3-Dichloropropene	0.406	0.291		-28.33	30
cis-1,3-Dichloropropene	0.526	0.418		-20.53	30
1,1,2-Trichloroethane	0.403	0.367		-8.93	30
Dibromochloromethane	0.632	0.567		-10.28	30
1,2-Dibromoethane	0.545	0.470		-13.76	30
Tetrachloroethene	0.358	0.299		-16.48	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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COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	1.037	0.983		-5.21	30
Ethyl Benzene	1.842	1.586		-13.9	30
m/p-Xylene	1.466	1.362		-7.09	30
o-Xylene	1.473	1.372		-6.86	30
Styrene	0.693	0.587		-15.3	30
Bromoform	0.549	0.506		-7.83	30
1,1,2,2-Tetrachloroethane	0.970	0.979		0.93	30
2-Chlorotoluene	1.701	1.514		-10.99	30
1,3,5-Trimethylbenzene	1.560	1.411		-9.55	30
1,2,4-Trimethylbenzene	1.757	1.648		-6.2	30
1,3-Dichlorobenzene	1.011	0.975		-3.56	30
1,4-Dichlorobenzene	1.004	0.943		-6.08	30
1,2-Dichlorobenzene	0.981	0.958		-2.35	30
1,2,4-Trichlorobenzene	0.671	0.625		-6.86	30
Hexachloro-1,3-Butadiene	0.764	0.670		-12.3	30
1,3-Butadiene	0.411	0.437		6.33	30
Naphthalene	1.205	1.391		15.44	30
4-Ethyltoluene	1.799	1.677		-6.78	30
1-Bromo-4-Fluorobenzene	0.769	0.851		10.66	30
Hexane	1.429	1.284		-10.15	30
Allyl Chloride	0.638	0.628		-1.57	30
1,4-Dioxane	181.383	163.107		-10.08	30
Methyl Methacrylate	0.409	0.330		-19.32	30

All other compounds must meet a minimum RRF of 0.010.
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