

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR16

Lab Code: CHEM Case No.: Q1927 SAS No.: Q1927 SDG No.: Q1927

Instrument ID: MSVOA_L Calibration Date/Time: 05/05/2025 08:29

Lab File ID: VL042469.D Init. Calib. Date(s): 05/01/2025 05/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:03 14:10

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

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.655	1.672		1.03	30
Chloromethane	0.692	0.663		-4.19	30
Vinyl Chloride	0.696	0.623		-10.49	30
Bromomethane	0.329	0.350		6.38	30
Chloroethane	0.257	0.258		0.39	30
Tetrahydrofuran	0.344	0.318		-7.56	30
Trichlorofluoromethane	1.527	1.574		3.08	30
1,1,2-Trichlorotrifluoroethane	1.219	1.241		1.8	30
Dichlorotetrafluoroethane	1.364	1.393		2.13	30
tert-Butyl alcohol	1.608	1.660		3.23	30
Heptane	1.484	1.463		-1.41	30
1,1-Dichloroethene	0.569	0.565		-0.7	30
Acetone	1.826	1.482		-18.8	30
Carbon Disulfide	1.486	1.615		8.68	30
Methyl tert-Butyl Ether	0.765	0.722		-5.62	30
Methylene Chloride	0.549	0.485		-11.66	30
trans-1,2-Dichloroethene	0.665	0.630		-5.26	30
1,1-Dichloroethane	1.357	1.305		-3.83	30
Cyclohexane	1.065	1.051		-1.32	30
2-Butanone	0.723	0.649		-10.23	30
Carbon Tetrachloride	0.908	0.919		1.21	30
cis-1,2-Dichloroethene	1.486	1.435		-3.43	30
Chloroform	2.386	2.324		-2.6	30
1,1,1-Trichloroethane	2.589	2.470		-4.6	30
2,2,4-Trimethylpentane	1.530	1.505		-1.63	30
Benzene	0.944	0.928		-1.7	30
1,2-Dichloroethane	0.727	0.706		-2.89	30
Trichloroethene	0.360	0.369		2.5	30
1,2-Dichloropropane	0.353	0.324		-8.22	30
Bromodichloromethane	0.889	0.920		3.49	30
4-Methyl-2-Pentanone	0.915	0.881		-3.72	30
Toluene	0.999	1.063		6.41	30
t-1,3-Dichloropropene	0.462	0.507		9.74	30
cis-1,3-Dichloropropene	0.549	0.567		3.28	30
1,1,2-Trichloroethane	0.387	0.374		-3.36	30
Dibromochloromethane	0.654	0.690		5.51	30
1,2-Dibromoethane	0.592	0.577		-2.53	30
Tetrachloroethene	0.359	0.325		-9.47	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	1.005	0.933		-7.16	30
Ethyl Benzene	1.671	1.752		4.85	30
m/p-Xylene	1.401	1.496		6.78	30
o-Xylene	1.403	1.480		5.49	30
Styrene	0.523	0.584		11.66	30
Bromoform	0.549	0.571		4.01	30
1,1,2,2-Tetrachloroethane	0.967	0.884		-8.58	30
2-Chlorotoluene	1.587	1.667		5.04	30
1,3,5-Trimethylbenzene	1.455	1.570		7.9	30
1,2,4-Trimethylbenzene	1.760	1.770		0.57	30
1,3-Dichlorobenzene	0.980	0.950		-3.06	30
1,4-Dichlorobenzene	0.927	0.980		5.72	30
1,2-Dichlorobenzene	0.959	0.926		-3.44	30
1,2,4-Trichlorobenzene	0.790	0.836		5.82	30
Hexachloro-1,3-Butadiene	0.958	0.853		-10.96	30
1,3-Butadiene	0.805	0.760		-5.59	30
Naphthalene	1.482	1.625		9.65	30
4-Ethyltoluene	1.654	1.804		9.01	30
1-Bromo-4-Fluorobenzene	0.927	0.947		2.16	30
Hexane	1.273	1.273		0	30
Allyl Chloride	1.174	1.165		-0.77	30
1,4-Dioxane	165.429	142.635		-13.78	30
Methyl Methacrylate	0.352	0.367		4.26	30

All other compounds must meet a minimum RRF of 0.010.
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