

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 05/30/2025 11:20

Lab File ID: VY022472.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.477	0.443		-7.13	20
Chloromethane	1.173	1.101	0.1	-6.14	20
Vinyl Chloride	1.425	1.489		4.49	20
Bromomethane	1.295	1.258		-2.86	20
Chloroethane	0.932	1.031		10.62	20
Trichlorofluoromethane	1.203	1.304		8.4	20
1,1,2-Trichlorotrifluoroethane	0.528	0.546		3.41	20
1,1-Dichloroethene	0.524	0.533		1.72	20
Acetone	0.087	0.136		56.32	20
Carbon Disulfide	1.672	1.671		-0.06	20
Methyl tert-butyl Ether	1.391	1.455		4.6	20
Methyl Acetate	0.324	0.347		7.1	20
Methylene Chloride	0.611	0.624		2.13	20
trans-1,2-Dichloroethene	0.572	0.576		0.7	20
1,1-Dichloroethane	1.028	1.102	0.1	7.2	20
Cyclohexane	1.013	0.985		-2.76	20
2-Butanone	0.144	0.177		22.92	20
Carbon Tetrachloride	0.484	0.499		3.1	20
cis-1,2-Dichloroethene	0.662	0.678		2.42	20
Bromochloromethane	0.429	0.474		10.49	20
Chloroform	1.013	1.075		6.12	20
1,1,1-Trichloroethane	0.919	0.966		5.11	20
Methylcyclohexane	0.618	0.635		2.75	20
Benzene	1.383	1.452		4.99	20
1,2-Dichloroethane	0.365	0.396		8.49	20
Trichloroethene	0.342	0.351		2.63	20
1,2-Dichloropropane	0.325	0.345		6.15	20
Bromodichloromethane	0.467	0.499		6.85	20
4-Methyl-2-Pentanone	0.213	0.239		12.21	20
Toluene	0.864	0.911		5.44	20
t-1,3-Dichloropropene	0.435	0.463		6.44	20
cis-1,3-Dichloropropene	0.511	0.539		5.48	20
1,1,2-Trichloroethane	0.229	0.247		7.86	20
2-Hexanone	0.140	0.167		19.29	20
Dibromochloromethane	0.293	0.307		4.78	20
1,2-Dibromoethane	0.210	0.223		6.19	20
Tetrachloroethene	0.426	0.425		-0.23	20
Chlorobenzene	1.066	1.125	0.3	5.53	20

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	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.980	2.116		6.87	20
m/p-Xylenes	0.751	0.791		5.33	20
o-Xylene	0.705	0.739		4.82	20
Styrene	1.175	1.247		6.13	20
Bromoform	0.189	0.200	0.1	5.82	20
Isopropylbenzene	3.935	4.187		6.4	20
1,1,2,2-Tetrachloroethane	0.620	0.676	0.3	9.03	20
1,3-Dichlorobenzene	1.704	1.793		5.22	20
1,4-Dichlorobenzene	1.629	1.722		5.71	20
1,2-Dichlorobenzene	1.423	1.512		6.25	20
1,2-Dibromo-3-Chloropropane	0.096	0.102		6.25	20
1,2,4-Trichlorobenzene	0.789	0.847		7.35	20
1,2,3-Trichlorobenzene	0.647	0.694		7.26	20
1,2-Dichloroethane-d4	0.527	0.572		8.54	20
Dibromofluoromethane	0.293	0.309		5.46	20
Toluene-d8	1.194	1.265		5.95	20
4-Bromofluorobenzene	0.361	0.365		1.11	20

All other compounds must meet a minimum RRF of 0.010.
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