

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1675 SAS No.: Q1675 SDG No.: Q1675

Instrument ID: MSVOA_Y Calibration Date/Time: 03/31/2025 10:08

Lab File ID: VY021710.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.504		-2.7	20
Chloromethane	0.729	0.699	0.1	-4.11	20
Vinyl Chloride	0.824	0.802		-2.67	20
Bromomethane	0.562	0.525		-6.58	20
Chloroethane	0.539	0.525		-2.6	20
Trichlorofluoromethane	1.056	1.075		1.8	20
1,1,2-Trichlorotrifluoroethane	0.557	0.561		0.72	20
1,1-Dichloroethene	0.524	0.519		-0.95	20
Acetone	0.111	0.097		-12.61	20
Carbon Disulfide	1.727	1.707		-1.16	20
Methyl tert-butyl Ether	1.306	1.319		1	20
Methyl Acetate	0.275	0.294		6.91	20
Methylene Chloride	0.626	0.573		-8.47	20
trans-1,2-Dichloroethene	0.577	0.577		0	20
1,1-Dichloroethane	1.049	1.046	0.1	-0.29	20
Cyclohexane	0.956	0.927		-3.03	20
2-Butanone	0.158	0.156		-1.27	20
Carbon Tetrachloride	0.566	0.608		7.42	20
cis-1,2-Dichloroethene	0.649	0.650		0.15	20
Bromochloromethane	0.442	0.448		1.36	20
Chloroform	1.091	1.087		-0.37	20
1,1,1-Trichloroethane	0.986	0.979		-0.71	20
Methylcyclohexane	0.590	0.641		8.64	20
Benzene	1.479	1.572		6.29	20
1,2-Dichloroethane	0.417	0.441		5.76	20
Trichloroethene	0.377	0.393		4.24	20
1,2-Dichloropropane	0.350	0.371		6	20
Bromodichloromethane	0.523	0.556		6.31	20
4-Methyl-2-Pentanone	0.230	0.254		10.44	20
Toluene	0.923	0.997		8.02	20
t-1,3-Dichloropropene	0.465	0.503		8.17	20
cis-1,3-Dichloropropene	0.548	0.585		6.75	20
1,1,2-Trichloroethane	0.260	0.276		6.15	20
2-Hexanone	0.153	0.171		11.77	20
Dibromochloromethane	0.355	0.386		8.73	20
1,2-Dibromoethane	0.244	0.265		8.61	20
Tetrachloroethene	0.455	0.463		1.76	20
Chlorobenzene	1.146	1.163	0.3	1.48	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	1.965	2.057		4.68	20
m/p-Xylenes	0.753	0.796		5.71	20
o-Xylene	0.695	0.737		6.04	20
Styrene	1.158	1.271		9.76	20
Bromoform	0.232	0.247	0.1	6.47	20
Isopropylbenzene	3.714	3.861		3.96	20
1,1,2,2-Tetrachloroethane	0.668	0.673	0.3	0.75	20
1,3-Dichlorobenzene	1.757	1.805		2.73	20
1,4-Dichlorobenzene	1.736	1.769		1.9	20
1,2-Dichlorobenzene	1.529	1.563		2.22	20
1,2-Dibromo-3-Chloropropane	0.103	0.101		-1.94	20
1,2,4-Trichlorobenzene	0.829	0.853		2.89	20
1,2,3-Trichlorobenzene	0.707	0.744		5.23	20
1,2-Dichloroethane-d4	0.542	0.580		7.01	20
Dibromofluoromethane	0.324	0.372		14.81	20
Toluene-d8	1.234	1.418		14.91	20
4-Bromofluorobenzene	0.417	0.477		14.39	20

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