

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q2147 SAS No.: Q2147 SDG No.: Q2147

Instrument ID: MSVOA_Y Calibration Date/Time: 05/29/2025 08:23

Lab File ID: VY022453.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	1.080	0.1	-7.93	20
Vinyl Chloride	1.425	1.441		1.12	20
Bromomethane	1.295	1.134		-12.43	20
Chloroethane	0.932	0.992		6.44	20
Trichlorofluoromethane	1.203	1.195		-0.67	20
1,1,2-Trichlorotrifluoroethane	0.528	0.543		2.84	20
1,1-Dichloroethene	0.524	0.537		2.48	20
Acetone	0.087	0.104		19.54	20
Carbon Disulfide	1.672	1.727		3.29	20
Methyl tert-butyl Ether	1.391	1.429		2.73	20
Methyl Acetate	0.324	0.357		10.19	20
Methylene Chloride	0.611	0.599		-1.96	20
trans-1,2-Dichloroethene	0.572	0.593		3.67	20
1,1-Dichloroethane	1.028	1.100	0.1	7	20
Cyclohexane	1.013	0.984		-2.86	20
2-Butanone	0.144	0.156		8.33	20
Carbon Tetrachloride	0.484	0.508		4.96	20
cis-1,2-Dichloroethene	0.662	0.699		5.59	20
Bromochloromethane	0.429	0.474		10.49	20
Chloroform	1.013	1.070		5.63	20
1,1,1-Trichloroethane	0.919	0.965		5.01	20
Methylcyclohexane	0.618	0.621		0.49	20
Benzene	1.383	1.457		5.35	20
1,2-Dichloroethane	0.365	0.379		3.84	20
Trichloroethene	0.342	0.351		2.63	20
1,2-Dichloropropane	0.325	0.341		4.92	20
Bromodichloromethane	0.467	0.486		4.07	20
4-Methyl-2-Pentanone	0.213	0.219		2.82	20
Toluene	0.864	0.906		4.86	20
t-1,3-Dichloropropene	0.435	0.453		4.14	20
cis-1,3-Dichloropropene	0.511	0.531		3.91	20
1,1,2-Trichloroethane	0.229	0.235		2.62	20
2-Hexanone	0.140	0.147		5	20
Dibromochloromethane	0.293	0.307		4.78	20
1,2-Dibromoethane	0.210	0.214		1.9	20
Tetrachloroethene	0.426	0.446		4.7	20
Chlorobenzene	1.066	1.114	0.3	4.5	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	2.068		4.44	20
m/p-Xylenes	0.751	0.779		3.73	20
o-Xylene	0.705	0.730		3.55	20
Styrene	1.175	1.240		5.53	20
Bromoform	0.189	0.192	0.1	1.59	20
Isopropylbenzene	3.935	4.134		5.06	20
1,1,2,2-Tetrachloroethane	0.620	0.610	0.3	-1.61	20
1,3-Dichlorobenzene	1.704	1.747		2.52	20
1,4-Dichlorobenzene	1.629	1.697		4.17	20
1,2-Dichlorobenzene	1.423	1.485		4.36	20
1,2-Dibromo-3-Chloropropane	0.096	0.093		-3.13	20
1,2,4-Trichlorobenzene	0.789	0.811		2.79	20
1,2,3-Trichlorobenzene	0.647	0.679		4.95	20
1,2-Dichloroethane-d4	0.527	0.542		2.85	20
Dibromofluoromethane	0.293	0.299		2.05	20
Toluene-d8	1.194	1.216		1.84	20
4-Bromofluorobenzene	0.361	0.361		0	20

All other compounds must meet a minimum RRF of 0.010.
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