

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TECH05

Lab Code: CHEM Case No.: Q1405 SAS No.: Q1405 SDG No.: Q1405

Instrument ID: MSVOA_N Calibration Date/Time: 02/21/2025 14:43

Lab File ID: VN085802.D Init. Calib. Date(s): 02/18/2025 02/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:09 14:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.680	0.644		-5.29	20
Chloromethane	0.682	0.617	0.1	-9.53	20
Vinyl Chloride	0.723	0.664		-8.16	20
Bromomethane	0.462	0.410		-11.26	20
Chloroethane	0.479	0.430		-10.23	20
Trichlorofluoromethane	1.046	0.976		-6.69	20
1,1,2-Trichlorotrifluoroethane	0.605	0.592		-2.15	20
1,1-Dichloroethene	0.548	0.517		-5.66	20
Acetone	0.205	0.199		-2.93	20
Carbon Disulfide	1.625	1.429		-12.06	20
Methyl tert-butyl Ether	1.629	1.642		0.8	20
Methyl Acetate	0.705	0.674		-4.4	20
Methylene Chloride	0.660	0.624		-5.45	20
trans-1,2-Dichloroethene	0.590	0.558		-5.42	20
1,1-Dichloroethane	1.106	1.065	0.1	-3.71	20
Cyclohexane	0.926	0.796		-14.04	20
2-Butanone	0.302	0.305		0.99	20
Carbon Tetrachloride	0.550	0.552		0.36	20
cis-1,2-Dichloroethene	0.685	0.667		-2.63	20
Bromochloromethane	0.454	0.512		12.77	20
Chloroform	1.156	1.134		-1.9	20
1,1,1-Trichloroethane	1.028	0.989		-3.79	20
Methylcyclohexane	0.455	0.449		-1.32	20
Benzene	1.484	1.526		2.83	20
1,2-Dichloroethane	0.483	0.498		3.11	20
Trichloroethene	0.364	0.351		-3.57	20
1,2-Dichloropropane	0.358	0.375		4.75	20
Bromodichloromethane	0.541	0.553		2.22	20
4-Methyl-2-Pentanone	0.367	0.417		13.62	20
Toluene	0.870	0.959		10.23	20
t-1,3-Dichloropropene	0.500	0.523		4.6	20
cis-1,3-Dichloropropene	0.548	0.577		5.29	20
1,1,2-Trichloroethane	0.346	0.367		6.07	20
2-Hexanone	0.253	0.297		17.39	20
Dibromochloromethane	0.403	0.438		8.69	20
1,2-Dibromoethane	0.327	0.349		6.73	20
Tetrachloroethene	0.387	0.370		-4.39	20
Chlorobenzene	1.145	1.092	0.3	-4.63	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	1.794	1.882		4.91	20
m/p-Xylenes	0.682	0.754		10.56	20
o-Xylene	0.648	0.689		6.33	20
Styrene	1.059	1.230		16.15	20
Bromoform	0.306	0.316	0.1	3.27	20
Isopropylbenzene	3.425	3.338		-2.54	20
1,1,2,2-Tetrachloroethane	1.179	1.061	0.3	-10.01	20
1,3-Dichlorobenzene	1.734	1.651		-4.79	20
1,4-Dichlorobenzene	1.777	1.617		-9	20
1,2-Dichlorobenzene	1.667	1.615		-3.12	20
1,2-Dibromo-3-Chloropropane	0.216	0.182		-15.74	20
1,2,4-Trichlorobenzene	0.794	0.730		-8.06	20
1,2,3-Trichlorobenzene	0.798	0.703		-11.9	20
1,2-Dichloroethane-d4	0.648	0.697		7.56	20
Dibromofluoromethane	0.327	0.373		14.07	20
Toluene-d8	1.190	1.395		17.23	20
4-Bromofluorobenzene	0.392	0.476		21.43	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.