

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4600 SAS No.: P4600 SDG No.: P4600

Instrument ID: MSVOA_X Calibration Date/Time: 10/30/2024 19:25

Lab File ID: VX043635.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.684	0.543	0.1	-20.5	50
Vinyl Chloride	0.634	0.564		-11.1	50
Bromomethane	0.259	0.219		-15.2	50
Chloroethane	0.223	0.211		-5.8	50
Trichlorofluoromethane	0.775	0.774		-0.1	50
1,1,2-Trichlorotrifluoroethane	0.524	0.512		-2.4	50
1,1-Dichloroethene	0.536	0.517		-3.6	50
Acetone	0.317	0.239		-24.5	50
Carbon Disulfide	1.120	0.960		-14.2	50
Methyl tert-butyl Ether	2.037	1.790		-12.1	50
Methylene Chloride	0.682	0.581		-14.9	50
trans-1,2-Dichloroethene	0.566	0.535		-5.5	50
1,1-Dichloroethane	1.101	0.987	0.1	-10.3	50
2-Butanone	0.462	0.385		-16.6	50
Carbon Tetrachloride	0.444	0.428		-3.7	50
cis-1,2-Dichloroethene	0.723	0.674		-6.8	50
Chloroform	1.154	1.034		-10.4	50
1,1,1-Trichloroethane	0.969	0.899		-7.2	50
Methylcyclohexane	0.499	0.480		-3.9	50
Benzene	1.341	1.267		-5.5	50
1,2-Dichloroethane	0.482	0.417		-13.6	50
Trichloroethene	0.333	0.330		-0.9	50
1,2-Dichloropropane	0.330	0.310		-6.2	50
Bromodichloromethane	0.446	0.419		-6	50
4-Methyl-2-Pentanone	0.492	0.448		-8.9	50
Toluene	0.813	0.799		-1.7	50
t-1,3-Dichloropropene	0.479	0.441		-8	50
cis-1,3-Dichloropropene	0.510	0.489		-4.2	50
1,1,2-Trichloroethane	0.339	0.325		-4	50
2-Hexanone	0.374	0.340		-9.1	50
Dibromochloromethane	0.335	0.331		-1.3	50
Tetrachloroethene	0.314	0.330		5	50
Chlorobenzene	1.076	1.030	0.3	-4.3	50
Ethyl Benzene	1.754	1.709		-2.6	50
m/p-Xylenes	0.671	0.675		0.6	50
o-Xylene	0.674	0.674		0	50
Styrene	1.120	1.139		1.6	50
Bromoform	0.253	0.252	0.1	-0.2	50

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
Isopropylbenzene	3.542	3.515		-0.8	50
1,1,2,2-Tetrachloroethane	1.274	1.189	0.3	-6.6	50
1,3-Dichlorobenzene	1.639	1.596		-2.6	50
1,4-Dichlorobenzene	1.699	1.596		-6	50
1,2-Dichlorobenzene	1.676	1.655		-1.3	50
1,2-Dichloroethane-d4	0.797	0.669		-16.1	50
Dibromofluoromethane	0.339	0.326		-3.7	50
Toluene-d8	1.174	1.177		0.3	50
4-Bromofluorobenzene	0.435	0.419		-3.5	50

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