

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1199 SAS No.: Q1199 SDG No.: Q1199

Instrument ID: MSVOA_N Calibration Date/Time: 01/28/2025 18:14

Lab File ID: VN085546.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.733	0.606	0.1	-17.33	50
Vinyl Chloride	0.737	0.641		-13.03	50
Bromomethane	0.445	0.362		-18.65	50
Chloroethane	0.467	0.426		-8.78	50
Trichlorofluoromethane	1.069	1.034		-3.27	50
1,1,2-Trichlorotrifluoroethane	0.602	0.590		-1.99	50
1,1-Dichloroethene	0.537	0.523		-2.61	50
Acetone	0.261	0.285		9.19	50
Carbon Disulfide	1.652	1.307		-20.88	50
Methyl tert-butyl Ether	1.742	1.909		9.59	50
Methylene Chloride	0.646	0.637		-1.39	50
trans-1,2-Dichloroethene	0.573	0.549		-4.19	50
1,1-Dichloroethane	1.178	1.186	0.1	0.68	50
2-Butanone	0.384	0.451		17.45	50
Carbon Tetrachloride	0.557	0.573		2.87	50
cis-1,2-Dichloroethene	0.675	0.693		2.67	50
Chloroform	1.218	1.238		1.64	50
1,1,1-Trichloroethane	1.068	1.078		0.94	50
Methylcyclohexane	0.457	0.458		0.22	50
Benzene	1.463	1.498		2.39	50
1,2-Dichloroethane	0.551	0.571		3.63	50
Trichloroethene	0.341	0.341		0	50
1,2-Dichloropropane	0.374	0.391		4.55	50
Bromodichloromethane	0.549	0.602		9.65	50
4-Methyl-2-Pentanone	0.457	0.577		26.26	50
Toluene	0.848	0.923		8.84	50
t-1,3-Dichloropropene	0.519	0.580		11.75	50
cis-1,3-Dichloropropene	0.554	0.602		8.66	50
1,1,2-Trichloroethane	0.335	0.367		9.55	50
2-Hexanone	0.321	0.420		30.84	50
Dibromochloromethane	0.405	0.444		9.63	50
Tetrachloroethene	0.341	0.309		-9.38	50
Chlorobenzene	1.095	1.102	0.3	0.64	50
Ethyl Benzene	1.784	1.936		8.52	50
m/p-Xylenes	0.659	0.738		11.99	50
o-Xylene	0.630	0.697		10.64	50
Styrene	1.043	1.210		16.01	50
Bromoform	0.288	0.322	0.1	11.81	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	3.375	3.613		7.05	50
1,1,2,2-Tetrachloroethane	1.192	1.228	0.3	3.02	50
1,3-Dichlorobenzene	1.624	1.626		0.12	50
1,4-Dichlorobenzene	1.683	1.600		-4.93	50
1,2-Dichlorobenzene	1.620	1.592		-1.73	50
1,2-Dichloroethane-d4	0.807	0.882		9.29	50
Dibromofluoromethane	0.347	0.384		10.66	50
Toluene-d8	1.232	1.397		13.39	50
4-Bromofluorobenzene	0.422	0.503		19.19	50

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