

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1062 SAS No.: Q1062 SDG No.: Q1062

Instrument ID: MSVOA_N Calibration Date/Time: 01/15/2025 09:03

Lab File ID: VN085447.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	0.674	0.1	-8.05	20
Vinyl Chloride	0.737	0.696		-5.56	20
Bromomethane	0.445	0.401		-9.89	20
Chloroethane	0.467	0.426		-8.78	20
Trichlorofluoromethane	1.069	1.042		-2.53	20
1,1,2-Trichlorotrifluoroethane	0.602	0.600		-0.33	20
1,1-Dichloroethene	0.537	0.531		-1.12	20
Acetone	0.261	0.230		-11.88	20
Carbon Disulfide	1.652	1.522		-7.87	20
Methyl tert-butyl Ether	1.742	1.757		0.86	20
Methylene Chloride	0.646	0.605		-6.35	20
trans-1,2-Dichloroethene	0.573	0.562		-1.92	20
1,1-Dichloroethane	1.178	1.146	0.1	-2.72	20
2-Butanone	0.384	0.337		-12.24	20
Carbon Tetrachloride	0.557	0.563		1.08	20
cis-1,2-Dichloroethene	0.675	0.674		-0.15	20
Chloroform	1.218	1.163		-4.52	20
1,1,1-Trichloroethane	1.068	1.035		-3.09	20
Methylcyclohexane	0.457	0.528		15.54	20
Benzene	1.463	1.504		2.8	20
1,2-Dichloroethane	0.551	0.550		-0.18	20
Trichloroethene	0.341	0.345		1.17	20
1,2-Dichloropropane	0.374	0.377		0.8	20
Bromodichloromethane	0.549	0.568		3.46	20
4-Methyl-2-Pentanone	0.457	0.440		-3.72	20
Toluene	0.848	0.916		8.02	20
t-1,3-Dichloropropene	0.519	0.555		6.94	20
cis-1,3-Dichloropropene	0.554	0.594		7.22	20
1,1,2-Trichloroethane	0.335	0.337		0.6	20
2-Hexanone	0.321	0.312		-2.8	20
Dibromochloromethane	0.405	0.408		0.74	20
Tetrachloroethene	0.341	0.355		4.11	20
Chlorobenzene	1.095	1.101	0.3	0.55	20
Ethyl Benzene	1.784	1.967		10.26	20
m/p-Xylenes	0.659	0.755		14.57	20
o-Xylene	0.630	0.699		10.95	20
Styrene	1.043	1.208		15.82	20
Bromoform	0.288	0.302	0.1	4.86	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
Isopropylbenzene	3.375	3.662		8.5	20
1,1,2,2-Tetrachloroethane	1.192	1.047	0.3	-12.16	20
1,3-Dichlorobenzene	1.624	1.628		0.25	20
1,4-Dichlorobenzene	1.683	1.618		-3.86	20
1,2-Dichlorobenzene	1.620	1.533		-5.37	20
1,2-Dichloroethane-d4	0.807	0.819		1.49	20
Dibromofluoromethane	0.347	0.369		6.34	20
Toluene-d8	1.232	1.356		10.06	20
4-Bromofluorobenzene	0.422	0.469		11.14	20

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