

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1004 SAS No.: Q1004 SDG No.: Q1004

Instrument ID: MSVOA_X Calibration Date/Time: 01/06/2025 10:04

Lab File ID: VX044583.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.739	0.697	0.1	-5.68	20
Vinyl Chloride	0.770	0.718		-6.75	20
Bromomethane	0.546	0.500		-8.43	20
Chloroethane	0.480	0.424		-11.67	20
Trichlorofluoromethane	1.508	1.348		-10.61	20
1,1,2-Trichlorotrifluoroethane	0.610	0.679		11.31	20
1,1-Dichloroethene	0.560	0.655		16.96	20
Acetone	0.357	0.302		-15.41	20
Carbon Disulfide	1.065	1.367		28.36	20
Methyl tert-butyl Ether	2.187	2.115		-3.29	20
Methylene Chloride	0.671	0.672		0.15	20
trans-1,2-Dichloroethene	0.596	0.624		4.7	20
1,1-Dichloroethane	1.172	1.173	0.1	0.09	20
2-Butanone	0.508	0.443		-12.8	20
Carbon Tetrachloride	0.482	0.600		24.48	20
cis-1,2-Dichloroethene	0.756	0.761		0.66	20
Chloroform	1.316	1.286		-2.28	20
1,1,1-Trichloroethane	1.093	1.135		3.84	20
Methylcyclohexane	0.535	0.678		26.73	20
Benzene	1.359	1.581		16.34	20
1,2-Dichloroethane	0.560	0.603		7.68	20
Trichloroethene	0.339	0.417		23.01	20
1,2-Dichloropropane	0.347	0.385		10.95	20
Bromodichloromethane	0.465	0.577		24.09	20
4-Methyl-2-Pentanone	0.556	0.553		-0.54	20
Toluene	0.853	0.979		14.77	20
t-1,3-Dichloropropene	0.455	0.591		29.89	20
cis-1,3-Dichloropropene	0.507	0.640		26.23	20
1,1,2-Trichloroethane	0.339	0.389		14.75	20
2-Hexanone	0.403	0.407		0.99	20
Dibromochloromethane	0.326	0.435		33.44	20
Tetrachloroethene	0.332	0.427		28.61	20
Chlorobenzene	1.071	1.278	0.3	19.33	20
Ethyl Benzene	1.851	2.216		19.72	20
m/p-Xylenes	0.679	0.831		22.39	20
o-Xylene	0.687	0.825		20.09	20
Styrene	1.102	1.325		20.24	20
Bromoform	0.219	0.335	0.1	52.97	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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Isopropylbenzene	3.828	4.238		10.71	20
1,1,2,2-Tetrachloroethane	1.329	1.381	0.3	3.91	20
1,3-Dichlorobenzene	1.621	1.969		21.47	20
1,4-Dichlorobenzene	1.667	1.945		16.68	20
1,2-Dichlorobenzene	1.684	1.976		17.34	20
1,2-Dichloroethane-d4	0.877	0.783		-10.72	20
Dibromofluoromethane	0.346	0.392		13.3	20
Toluene-d8	1.168	1.261		7.96	20
4-Bromofluorobenzene	0.408	0.457		12.01	20

All other compounds must meet a minimum RRF of 0.010.
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