

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: Q1173 SAS No.: Q1173 SDG No.: Q1173

Instrument ID: MSVOA_X Calibration Date/Time: 01/27/2025 19:09

Lab File ID: VX044734.D Init. Calib. Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:31 13:37

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.728	0.744	0.1	2.2	50
Vinyl Chloride	0.719	0.766		6.54	50
Bromomethane	0.172	0.186		8.14	50
Chloroethane	0.132	0.181		37.12	50
Trichlorofluoromethane	0.795	0.925		16.35	50
1,1,2-Trichlorotrifluoroethane	0.597	0.628		5.19	50
1,1-Dichloroethene	0.585	0.647		10.6	50
Acetone	0.299	0.300		0.33	50
Carbon Disulfide	1.598	1.710		7.08	50
Methyl tert-butyl Ether	2.121	2.147		1.23	50
Methylene Chloride	0.695	0.714		2.73	50
trans-1,2-Dichloroethene	0.611	0.636		4.09	50
1,1-Dichloroethane	1.175	1.255	0.1	6.81	50
2-Butanone	0.444	0.489		10.14	50
Carbon Tetrachloride	0.497	0.462		-7.04	50
cis-1,2-Dichloroethene	0.769	0.784		1.95	50
Chloroform	1.186	1.201		1.26	50
1,1,1-Trichloroethane	1.090	1.028		-5.69	50
Methylcyclohexane	0.587	0.588		0.17	50
Benzene	1.370	1.426		4.09	50
1,2-Dichloroethane	0.500	0.460		-8	50
Trichloroethene	0.329	0.329		0	50
1,2-Dichloropropane	0.345	0.360		4.35	50
Bromodichloromethane	0.538	0.505		-6.13	50
4-Methyl-2-Pentanone	0.479	0.494		3.13	50
Toluene	0.839	0.847		0.95	50
t-1,3-Dichloropropene	0.556	0.518		-6.84	50
cis-1,3-Dichloropropene	0.603	0.575		-4.64	50
1,1,2-Trichloroethane	0.339	0.332		-2.07	50
2-Hexanone	0.352	0.362		2.84	50
Dibromochloromethane	0.398	0.369		-7.29	50
Tetrachloroethene	0.314	0.307		-2.23	50
Chlorobenzene	1.062	1.060	0.3	-0.19	50
Ethyl Benzene	1.853	1.887		1.84	50
m/p-Xylenes	0.688	0.698		1.45	50
o-Xylene	0.695	0.694		-0.14	50
Styrene	1.123	1.138		1.34	50
Bromoform	0.314	0.292	0.1	-7.01	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	4.085	4.084		-0.02	50
1,1,2,2-Tetrachloroethane	1.411	1.419	0.3	0.57	50
1,3-Dichlorobenzene	1.656	1.674		1.09	50
1,4-Dichlorobenzene	1.674	1.631		-2.57	50
1,2-Dichlorobenzene	1.700	1.674		-1.53	50
1,2-Dichloroethane-d4	0.755	0.712		-5.7	50
Dibromofluoromethane	0.318	0.320		0.63	50
Toluene-d8	1.108	1.148		3.61	50
4-Bromofluorobenzene	0.413	0.386		-6.54	50

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