

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698 SDG No.: Q1698

Instrument ID: MSVOA_Y Calibration Date/Time: 04/03/2025 11:01

Lab File ID: VY021764.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.498		-3.86	20
Chloromethane	0.729	0.714	0.1	-2.06	20
Vinyl Chloride	0.824	0.799		-3.03	20
Bromomethane	0.562	0.541		-3.74	20
Chloroethane	0.539	0.544		0.93	20
Trichlorofluoromethane	1.056	1.053		-0.28	20
1,1,2-Trichlorotrifluoroethane	0.557	0.569		2.15	20
1,1-Dichloroethene	0.524	0.529		0.95	20
Acetone	0.111	0.088		-20.72	20
Carbon Disulfide	1.727	1.759		1.85	20
Methyl tert-butyl Ether	1.306	1.330		1.84	20
Methyl Acetate	0.275	0.335		21.82	20
Methylene Chloride	0.626	0.600		-4.15	20
trans-1,2-Dichloroethene	0.577	0.606		5.03	20
1,1-Dichloroethane	1.049	1.106	0.1	5.43	20
Cyclohexane	0.956	0.946		-1.05	20
2-Butanone	0.158	0.144		-8.86	20
Carbon Tetrachloride	0.566	0.613		8.3	20
cis-1,2-Dichloroethene	0.649	0.688		6.01	20
Bromochloromethane	0.442	0.459		3.85	20
Chloroform	1.091	1.146		5.04	20
1,1,1-Trichloroethane	0.986	1.032		4.66	20
Methylcyclohexane	0.590	0.641		8.64	20
Benzene	1.479	1.632		10.35	20
1,2-Dichloroethane	0.417	0.445		6.72	20
Trichloroethene	0.377	0.412		9.28	20
1,2-Dichloropropane	0.350	0.386		10.29	20
Bromodichloromethane	0.523	0.578		10.52	20
4-Methyl-2-Pentanone	0.230	0.238		3.48	20
Toluene	0.923	1.047		13.43	20
t-1,3-Dichloropropene	0.465	0.505		8.6	20
cis-1,3-Dichloropropene	0.548	0.600		9.49	20
1,1,2-Trichloroethane	0.260	0.279		7.31	20
2-Hexanone	0.153	0.156		1.96	20
Dibromochloromethane	0.355	0.387		9.01	20
1,2-Dibromoethane	0.244	0.263		7.79	20
Tetrachloroethene	0.455	0.504		10.77	20
Chlorobenzene	1.146	1.229	0.3	7.24	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
Ethyl Benzene	1.965	2.183		11.09	20
m/p-Xylenes	0.753	0.842		11.82	20
o-Xylene	0.695	0.781		12.37	20
Styrene	1.158	1.326		14.51	20
Bromoform	0.232	0.247	0.1	6.47	20
Isopropylbenzene	3.714	3.992		7.49	20
1,1,2,2-Tetrachloroethane	0.668	0.642	0.3	-3.89	20
1,3-Dichlorobenzene	1.757	1.854		5.52	20
1,4-Dichlorobenzene	1.736	1.809		4.2	20
1,2-Dichlorobenzene	1.529	1.617		5.76	20
1,2-Dibromo-3-Chloropropane	0.103	0.101		-1.94	20
1,2,4-Trichlorobenzene	0.829	0.889		7.24	20
1,2,3-Trichlorobenzene	0.707	0.753		6.51	20
1,2-Dichloroethane-d4	0.542	0.557		2.77	20
Dibromofluoromethane	0.324	0.357		10.19	20
Toluene-d8	1.234	1.363		10.45	20
4-Bromofluorobenzene	0.417	0.467		11.99	20

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