284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCIA01

Lab Code: CHEM Case No.: Q2003 SAS No.: Q2003 SDG No.: Q2003

Instrument ID: MSVOA_Y Calibration Date/Time: 05/19/2025 08:27

Lab File ID: VY022303.D Init. Calib. Date(s): 05/15/2025 05/15/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 11:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.522	0.481		-7.85	20
Chloromethane	1.097	1.063	0.1	-3.1	20
Vinyl Chloride	1.226	1.243		1.39	20
Bromomethane	0.998	0.978		-2	20
Chloroethane	0.763	0.831		8.91	20
Trichlorofluoromethane	1.241	1.212		-2.34	20
1,1,2-Trichlorotrifluoroethane	0.539	0.534		-0.93	20
1,1-Dichloroethene	0.535	0.519		-2.99	20
Acetone	0.102	0.081		-20.59	20
Carbon Disulfide	1.744	1.645		-5.68	20
Methyl tert-butyl Ether	1.475	1.322		-10.37	20
Methyl Acetate	0.323	0.263		-18.58	20
Methylene Chloride	0.662	0.542		-18.13	20
trans-1,2-Dichloroethene	0.590	0.560		-5.09	20
1,1-Dichloroethane	1.106	1.030	0.1	-6.87	20
Cyclohexane	1.105	1.007		-8.87	20
2-Butanone	0.171	0.138		-19.3	20
Carbon Tetrachloride	0.509	0.500		-1.77	20
cis-1,2-Dichloroethene	0.681	0.638		-6.31	20
Bromochloromethane	0.472	0.434		-8.05	20
Chloroform	1.061	1.007		-5.09	20
1,1,1-Trichloroethane	0.974	0.929		-4.62	20
Methylcyclohexane	0.660	0.659		-0.15	20
Benzene	1.457	1.393		-4.39	20
1,2-Dichloroethane	0.394	0.360		-8.63	20
Trichloroethene	0.362	0.349		-3.59	20
1,2-Dichloropropane	0.351	0.327		-6.84	20
Bromodichloromethane	0.492	0.465		-5.49	20
4-Methyl-2-Pentanone	0.253	0.213		-15.81	20
Toluene	0.923	0.871		-5.63	20
t-1,3-Dichloropropene	0.480	0.439		-8.54	20
cis-1,3-Dichloropropene	0.550	0.509		-7.45	20
1,1,2-Trichloroethane	0.243	0.216		-11.11	20
2-Hexanone	0.170	0.140		-17.65	20
Dibromochloromethane	0.315	0.296		-6.03	20
1,2-Dibromoethane	0.226	0.209		-7.52	20
Tetrachloroethene	0.462	0.450		-2.6	20
Chlorobenzene	1.128	1.083	0.3	-3.99	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	2.113	2.049		-3.03	20
m/p-Xylenes	0.796	0.767		-3.64	20
o-Xylene	0.753	0.714		-5.18	20
Styrene	1.270	1.195		-5.91	20
Bromoform	0.209	0.190	0.1	-9.09	20
Isopropylbenzene	4.142	4.111		-0.75	20
1,1,2,2-Tetrachloroethane	0.637	0.599	0.3	-5.97	20
1,3-Dichlorobenzene	1.806	1.738		-3.77	20
1,4-Dichlorobenzene	1.737	1.669		-3.91	20
1,2-Dichlorobenzene	1.517	1.434		-5.47	20
1,2-Dibromo-3-Chloropropane	0.103	0.092		-10.68	20
1,2,4-Trichlorobenzene	0.876	0.816		-6.85	20
1,2,3-Trichlorobenzene	0.743	0.664		-10.63	20
1,2-Dichloroethane-d4	0.546	0.506		-7.33	20
Dibromofluoromethane	0.298	0.288		-3.36	20
Toluene-d8	1.222	1.187		-2.86	20
4-Bromofluorobenzene	0.387	0.356		-8.01	20

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