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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q1812 SAS No.: Q1812 SDG No.: Q1812

Instrument ID: MSVOA_N Calibration Date/Time: 04/16/2025 09:14

Lab File ID: VN086286.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.593	0.593		0	20
Chloromethane	0.861	0.798	0.1	-7.32	20
Vinyl Chloride	0.822	0.791		-3.77	20
Bromomethane	0.370	0.377		1.89	20
Chloroethane	0.550	0.507		-7.82	20
Trichlorofluoromethane	0.911	0.878		-3.62	20
1,1,2-Trichlorotrifluoroethane	0.551	0.537		-2.54	20
1,1-Dichloroethene	0.588	0.555		-5.61	20
Acetone	0.290	0.254		-12.41	20
Carbon Disulfide	1.762	1.548		-12.15	20
Methyl tert-butyl Ether	2.163	2.003		-7.4	20
Methyl Acetate	0.870	0.791		-9.08	20
Methylene Chloride	0.670	0.625		-6.72	20
trans-1,2-Dichloroethene	0.615	0.577		-6.18	20
1,1-Dichloroethane	1.201	1.141	0.1	-5	20
Cyclohexane	1.175	1.068		-9.11	20
2-Butanone	0.451	0.427		-5.32	20
Carbon Tetrachloride	0.441	0.430		-2.49	20
cis-1,2-Dichloroethene	0.764	0.706		-7.59	20
Bromochloromethane	0.509	0.487		-4.32	20
Chloroform	1.180	1.101		-6.7	20
1,1,1-Trichloroethane	1.009	0.948		-6.05	20
Methylcyclohexane	0.551	0.536		-2.72	20
Benzene	1.485	1.423		-4.18	20
1,2-Dichloroethane	0.474	0.454		-4.22	20
Trichloroethene	0.352	0.351		-0.28	20
1,2-Dichloropropane	0.364	0.350		-3.85	20
Bromodichloromethane	0.500	0.486		-2.8	20
4-Methyl-2-Pentanone	0.500	0.480		-4	20
Toluene	0.927	0.895		-3.45	20
t-1,3-Dichloropropene	0.558	0.554		-0.72	20
cis-1,3-Dichloropropene	0.613	0.590		-3.75	20
1,1,2-Trichloroethane	0.333	0.318		-4.51	20
2-Hexanone	0.371	0.358		-3.5	20
Dibromochloromethane	0.366	0.357		-2.46	20
1,2-Dibromoethane	0.336	0.324		-3.57	20
Tetrachloroethene	0.385	0.380		-1.3	20
Chlorobenzene	1.116	1.063	0.3	-4.75	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	2.014	1.936		-3.87	20
m/p-Xylenes	0.754	0.733		-2.79	20
o-Xylene	0.746	0.712		-4.56	20
Styrene	1.243	1.220		-1.85	20
Bromoform	0.277	0.267	0.1	-3.61	20
Isopropylbenzene	4.090	3.825		-6.48	20
1,1,2,2-Tetrachloroethane	1.176	1.032	0.3	-12.24	20
1,3-Dichlorobenzene	1.704	1.646		-3.4	20
1,4-Dichlorobenzene	1.716	1.647		-4.02	20
1,2-Dichlorobenzene	1.652	1.575		-4.66	20
1,2-Dibromo-3-Chloropropane	0.237	0.229		-3.38	20
1,2,4-Trichlorobenzene	0.791	0.788		-0.38	20
1,2,3-Trichlorobenzene	0.749	0.719		-4.01	20
1,2-Dichloroethane-d4	0.725	0.697		-3.86	20
Dibromofluoromethane	0.232	0.214		-7.76	20
Toluene-d8	1.240	1.219		-1.69	20
4-Bromofluorobenzene	0.452	0.447		-1.11	20

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