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.: Q1478 SAS No.: Q1478 SDG No.: Q1478

Instrument ID: MSVOA_X Calibration Date/Time: 03/03/2025 08:47

Lab File ID: VX045100.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.692		10.02	20
Chloromethane	0.770	0.828	0.1	7.53	20
Vinyl Chloride	0.764	0.780		2.09	20
Bromomethane	0.300	0.313		4.33	20
Chloroethane	0.352	0.442		25.57	20
Trichlorofluoromethane	1.012	1.085		7.21	20
1,1,2-Trichlorotrifluoroethane	0.581	0.652		12.22	20
1,1-Dichloroethene	0.614	0.626		1.95	20
Acetone	0.369	0.368		-0.27	20
Carbon Disulfide	1.636	1.759		7.52	20
Methyl tert-butyl Ether	2.061	2.017		-2.13	20
Methyl Acetate	0.888	0.757		-14.75	20
Methylene Chloride	0.731	0.695		-4.93	20
trans-1,2-Dichloroethene	0.607	0.634		4.45	20
1,1-Dichloroethane	1.247	1.222	0.1	-2.01	20
Cyclohexane	1.082	1.135		4.9	20
2-Butanone	0.555	0.508		-8.47	20
Carbon Tetrachloride	0.465	0.519		11.61	20
cis-1,2-Dichloroethene	0.749	0.746		-0.4	20
Bromochloromethane	0.594	0.606		2.02	20
Chloroform	1.239	1.207		-2.58	20
1,1,1-Trichloroethane	1.000	1.014		1.4	20
Methylcyclohexane	0.549	0.659		20.04	20
Benzene	1.448	1.503		3.8	20
1,2-Dichloroethane	0.521	0.520		-0.19	20
Trichloroethene	0.340	0.359		5.59	20
1,2-Dichloropropane	0.372	0.377		1.34	20
Bromodichloromethane	0.516	0.546		5.81	20
4-Methyl-2-Pentanone	0.587	0.558		-4.94	20
Toluene	0.849	0.908		6.95	20
t-1,3-Dichloropropene	0.431	0.525		21.81	20
cis-1,3-Dichloropropene	0.503	0.595		18.29	20
1,1,2-Trichloroethane	0.350	0.344		-1.71	20
2-Hexanone	0.425	0.420		-1.18	20
Dibromochloromethane	0.366	0.399		9.02	20
1,2-Dibromoethane	0.349	0.356		2.01	20
Tetrachloroethene	0.320	0.345		7.81	20
Chlorobenzene	1.058	1.118	0.3	5.67	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	1.843	1.998		8.41	20
m/p-Xylenes	0.675	0.741		9.78	20
o-Xylene	0.681	0.723		6.17	20
Styrene	1.101	1.233		11.99	20
Bromoform	0.266	0.299	0.1	12.41	20
Isopropylbenzene	3.903	4.050		3.77	20
1,1,2,2-Tetrachloroethane	1.432	1.341	0.3	-6.36	20
1,3-Dichlorobenzene	1.643	1.756		6.88	20
1,4-Dichlorobenzene	1.662	1.758		5.78	20
1,2-Dichlorobenzene	1.648	1.748		6.07	20
1,2-Dibromo-3-Chloropropane	0.279	0.260		-6.81	20
1,2,4-Trichlorobenzene	0.938	1.090		16.2	20
1,2,3-Trichlorobenzene	0.990	1.067		7.78	20
1,2-Dichloroethane-d4	0.795	0.712		-10.44	20
Dibromofluoromethane	0.334	0.322		-3.59	20
Toluene-d8	1.212	1.210		-0.17	20
4-Bromofluorobenzene	0.402	0.421		4.73	20

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