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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: MSVOA_N Calibration Date/Time: 01/31/2025 10:04

Lab File ID: VN085591.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.677	0.545		-19.5	20
Chloromethane	0.733	0.582	0.1	-20.6	20
Vinyl Chloride	0.737	0.631		-14.38	20
Bromomethane	0.445	0.381		-14.38	20
Chloroethane	0.467	0.426		-8.78	20
Trichlorofluoromethane	1.069	1.004		-6.08	20
1,1,2-Trichlorotrifluoroethane	0.602	0.579		-3.82	20
1,1-Dichloroethene	0.537	0.497		-7.45	20
Acetone	0.261	0.250		-4.22	20
Carbon Disulfide	1.652	1.219		-26.21	20
Methyl tert-butyl Ether	1.742	1.807		3.73	20
Methyl Acetate	0.793	0.857		8.07	20
Methylene Chloride	0.646	0.618		-4.33	20
trans-1,2-Dichloroethene	0.573	0.539		-5.93	20
1,1-Dichloroethane	1.178	1.158	0.1	-1.7	20
Cyclohexane	1.024	0.848		-17.19	20
2-Butanone	0.384	0.389		1.3	20
Carbon Tetrachloride	0.557	0.576		3.41	20
cis-1,2-Dichloroethene	0.675	0.663		-1.78	20
Bromochloromethane	0.548	0.520		-5.11	20
Chloroform	1.218	1.221		0.25	20
1,1,1-Trichloroethane	1.068	1.061		-0.65	20
Methylcyclohexane	0.457	0.439		-3.94	20
Benzene	1.463	1.491		1.91	20
1,2-Dichloroethane	0.551	0.571		3.63	20
Trichloroethene	0.341	0.337		-1.17	20
1,2-Dichloropropane	0.374	0.388		3.74	20
Bromodichloromethane	0.549	0.595		8.38	20
4-Methyl-2-Pentanone	0.457	0.521		14	20
Toluene	0.848	0.910		7.31	20
t-1,3-Dichloropropene	0.519	0.563		8.48	20
cis-1,3-Dichloropropene	0.554	0.604		9.02	20
1,1,2-Trichloroethane	0.335	0.364		8.66	20
2-Hexanone	0.321	0.376		17.13	20
Dibromochloromethane	0.405	0.446		10.12	20
1,2-Dibromoethane	0.334	0.344		2.99	20
Tetrachloroethene	0.341	0.357		4.69	20
Chlorobenzene	1.095	1.091	0.3	-0.37	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	1.784	1.898		6.39	20
m/p-Xylenes	0.659	0.733		11.23	20
o-Xylene	0.630	0.689		9.36	20
Styrene	1.043	1.210		16.01	20
Bromoform	0.288	0.318	0.1	10.42	20
Isopropylbenzene	3.375	3.425		1.48	20
1,1,2,2-Tetrachloroethane	1.192	1.127	0.3	-5.45	20
1,3-Dichlorobenzene	1.624	1.658		2.09	20
1,4-Dichlorobenzene	1.683	1.603		-4.75	20
1,2-Dichlorobenzene	1.620	1.598		-1.36	20
1,2-Dibromo-3-Chloropropane	0.218	0.211		-3.21	20
1,2,4-Trichlorobenzene	0.753	0.732		-2.79	20
1,2,3-Trichlorobenzene	0.762	0.739		-3.02	20
1,2-Dichloroethane-d4	0.807	0.801		-0.74	20
Dibromofluoromethane	0.347	0.374		7.78	20
Toluene-d8	1.232	1.332		8.12	20
4-Bromofluorobenzene	0.422	0.473		12.09	20

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