284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: MSVOA_Y Calibration Date/Time: 04/11/2025 09:18

Lab File ID: VY021850.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	0.500		-3.47	20
Chloromethane	0.729	0.591	0.1	-18.93	20
Vinyl Chloride	0.824	0.724		-12.14	20
Bromomethane	0.562	0.463		-17.62	20
Chloroethane	0.539	0.483		-10.39	20
Trichlorofluoromethane	1.056	1.051		-0.47	20
1,1,2-Trichlorotrifluoroethane	0.557	0.581		4.31	20
1,1-Dichloroethene	0.524	0.541		3.24	20
Acetone	0.111	0.094		-15.31	20
Carbon Disulfide	1.727	1.635		-5.33	20
Methyl tert-butyl Ether	1.306	1.320		1.07	20
Methyl Acetate	0.275	0.290		5.45	20
Methylene Chloride	0.626	0.581		-7.19	20
trans-1,2-Dichloroethene	0.577	0.594		2.95	20
1,1-Dichloroethane	1.049	1.065	0.1	1.52	20
Cyclohexane	0.956	0.919		-3.87	20
2-Butanone	0.158	0.139		-12.02	20
Carbon Tetrachloride	0.566	0.635		12.19	20
cis-1,2-Dichloroethene	0.649	0.680		4.78	20
Bromochloromethane	0.442	0.405		-8.37	20
Chloroform	1.091	1.112		1.92	20
1,1,1-Trichloroethane	0.986	1.021		3.55	20
Methylcyclohexane	0.590	0.661		12.03	20
Benzene	1.479	1.585		7.17	20
1,2-Dichloroethane	0.417	0.424		1.68	20
Trichloroethene	0.377	0.432		14.59	20
1,2-Dichloropropane	0.350	0.373		6.57	20
Bromodichloromethane	0.523	0.552		5.55	20
4-Methyl-2-Pentanone	0.230	0.221		-3.91	20
Toluene	0.923	1.019		10.4	20
t-1,3-Dichloropropene	0.465	0.489		5.16	20
cis-1,3-Dichloropropene	0.548	0.585		6.75	20
1,1,2-Trichloroethane	0.260	0.270		3.85	20
2-Hexanone	0.153	0.146		-4.57	20
Dibromochloromethane	0.355	0.384		8.17	20
1,2-Dibromoethane	0.244	0.260		6.56	20
Tetrachloroethene	0.455	0.571		25.5	20
Chlorobenzene	1.146	1.268	0.3	10.65	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	2.263		15.16	20
m/p-Xylenes	0.753	0.863		14.61	20
o-Xylene	0.695	0.813		16.98	20
Styrene	1.158	1.347		16.32	20
Bromoform	0.232	0.254	0.1	9.48	20
Isopropylbenzene	3.714	4.282		15.29	20
1,1,2,2-Tetrachloroethane	0.668	0.611	0.3	-8.53	20
1,3-Dichlorobenzene	1.757	1.945		10.7	20
1,4-Dichlorobenzene	1.736	1.895		9.16	20
1,2-Dichlorobenzene	1.529	1.699		11.12	20
1,2-Dibromo-3-Chloropropane	0.103	0.103		0	20
1,2,4-Trichlorobenzene	0.829	1.048		26.42	20
1,2,3-Trichlorobenzene	0.707	0.882		24.75	20
1,2-Dichloroethane-d4	0.542	0.511		-5.72	20
Dibromofluoromethane	0.324	0.349		7.72	20
Toluene-d8	1.234	1.339		8.51	20
4-Bromofluorobenzene	0.417	0.461		10.55	20

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