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.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date/Time: 05/19/2025 10:05

Lab File ID: VX046255.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.801		4.71	20
Chloromethane	0.742	0.743	0.1	0.14	20
Vinyl Chloride	0.691	0.673		-2.61	20
Bromomethane	0.320	0.297		-7.19	20
Chloroethane	0.369	0.377		2.17	20
Trichlorofluoromethane	1.021	1.050		2.84	20
1,1,2-Trichlorotrifluoroethane	0.632	0.646		2.21	20
1,1-Dichloroethene	0.593	0.573		-3.37	20
Acetone	0.374	0.373		-0.27	20
Carbon Disulfide	1.406	1.339		-4.76	20
Methyl tert-butyl Ether	2.079	2.149		3.37	20
Methyl Acetate	0.867	0.995		14.76	20
Methylene Chloride	0.716	0.670		-6.43	20
trans-1,2-Dichloroethene	0.596	0.585		-1.85	20
1,1-Dichloroethane	1.219	1.233	0.1	1.15	20
Cyclohexane	1.111	1.043		-6.12	20
2-Butanone	0.543	0.550		1.29	20
Carbon Tetrachloride	0.544	0.577		6.07	20
cis-1,2-Dichloroethene	0.718	0.699		-2.65	20
Bromochloromethane	0.587	0.572		-2.56	20
Chloroform	1.271	1.295		1.89	20
1,1,1-Trichloroethane	1.101	1.133		2.91	20
Methylcyclohexane	0.623	0.602		-3.37	20
Benzene	1.417	1.454		2.61	20
1,2-Dichloroethane	0.612	0.624		1.96	20
Trichloroethene	0.341	0.349		2.35	20
1,2-Dichloropropane	0.352	0.380		7.95	20
Bromodichloromethane	0.547	0.604		10.42	20
4-Methyl-2-Pentanone	0.605	0.650		7.44	20
Toluene	0.869	0.887		2.07	20
t-1,3-Dichloropropene	0.487	0.537		10.27	20
cis-1,3-Dichloropropene	0.538	0.589		9.48	20
1,1,2-Trichloroethane	0.343	0.363		5.83	20
2-Hexanone	0.448	0.480		7.14	20
Dibromochloromethane	0.376	0.429		14.1	20
1,2-Dibromoethane	0.356	0.374		5.06	20
Tetrachloroethene	0.354	0.357		0.85	20
Chlorobenzene	1.094	1.113	0.3	1.74	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	1.929	2.022		4.82	20
m/p-Xylenes	0.706	0.743		5.24	20
o-Xylene	0.688	0.721		4.8	20
Styrene	1.127	1.265		12.24	20
Bromoform	0.281	0.322	0.1	14.59	20
Isopropylbenzene	3.893	4.008		2.95	20
1,1,2,2-Tetrachloroethane	1.364	1.325	0.3	-2.86	20
1,3-Dichlorobenzene	1.649	1.676		1.64	20
1,4-Dichlorobenzene	1.684	1.694		0.59	20
1,2-Dichlorobenzene	1.655	1.683		1.69	20
1,2-Dibromo-3-Chloropropane	0.302	0.319		5.63	20
1,2,4-Trichlorobenzene	0.951	0.986		3.68	20
1,2,3-Trichlorobenzene	0.981	0.997		1.63	20
1,2-Dichloroethane-d4	0.932	0.903		-3.11	20
Dibromofluoromethane	0.360	0.383		6.39	20
Toluene-d8	1.246	1.254		0.64	20
4-Bromofluorobenzene	0.478	0.493		3.14	20

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