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.: Q1939 SAS No.: Q1939 SDG No.: Q1939

Instrument ID: MSVOA_N Calibration Date/Time: 05/06/2025 10:35

Lab File ID: VN086504.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	0.516		-12.98	20
Chloromethane	0.861	0.689	0.1	-19.98	20
Vinyl Chloride	0.822	0.657		-20.07	20
Bromomethane	0.370	0.402		8.65	20
Chloroethane	0.550	0.451		-18	20
Trichlorofluoromethane	0.911	0.858		-5.82	20
1,1,2-Trichlorotrifluoroethane	0.551	0.522		-5.26	20
1,1-Dichloroethene	0.588	0.522		-11.22	20
Acetone	0.290	0.245		-15.52	20
Carbon Disulfide	1.762	1.369		-22.3	20
Methyl tert-butyl Ether	2.163	2.165		0.09	20
Methyl Acetate	0.870	0.727		-16.44	20
Methylene Chloride	0.670	0.662		-1.19	20
trans-1,2-Dichloroethene	0.615	0.591		-3.9	20
1,1-Dichloroethane	1.201	1.115	0.1	-7.16	20
Cyclohexane	1.175	0.920		-21.7	20
2-Butanone	0.451	0.405		-10.2	20
Carbon Tetrachloride	0.441	0.447		1.36	20
cis-1,2-Dichloroethene	0.764	0.771		0.92	20
Bromochloromethane	0.509	0.438		-13.95	20
Chloroform	1.180	1.187		0.59	20
1,1,1-Trichloroethane	1.009	0.973		-3.57	20
Methylcyclohexane	0.551	0.494		-10.35	20
Benzene	1.485	1.462		-1.55	20
1,2-Dichloroethane	0.474	0.511		7.81	20
Trichloroethene	0.352	0.379		7.67	20
1,2-Dichloropropane	0.364	0.360		-1.1	20
Bromodichloromethane	0.500	0.542		8.4	20
4-Methyl-2-Pentanone	0.500	0.480		-4	20
Toluene	0.927	0.953		2.81	20
t-1,3-Dichloropropene	0.558	0.591		5.91	20
cis-1,3-Dichloropropene	0.613	0.628		2.45	20
1,1,2-Trichloroethane	0.333	0.362		8.71	20
2-Hexanone	0.371	0.352		-5.12	20
Dibromochloromethane	0.366	0.419		14.48	20
1,2-Dibromoethane	0.336	0.376		11.9	20
Tetrachloroethene	0.385	0.415		7.79	20
Chlorobenzene	1.116	1.152	0.3	3.23	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	1.981		-1.64	20
m/p-Xylenes	0.754	0.762		1.06	20
o-Xylene	0.746	0.762		2.14	20
Styrene	1.243	1.312		5.55	20
Bromoform	0.277	0.306	0.1	10.47	20
Isopropylbenzene	4.090	3.729		-8.83	20
1,1,2,2-Tetrachloroethane	1.176	1.085	0.3	-7.74	20
1,3-Dichlorobenzene	1.704	1.774		4.11	20
1,4-Dichlorobenzene	1.716	1.798		4.78	20
1,2-Dichlorobenzene	1.652	1.724		4.36	20
1,2-Dibromo-3-Chloropropane	0.237	0.214		-9.7	20
1,2,4-Trichlorobenzene	0.791	0.816		3.16	20
1,2,3-Trichlorobenzene	0.749	0.767		2.4	20
1,2-Dichloroethane-d4	0.725	0.698		-3.72	20
Dibromofluoromethane	0.232	0.250		7.76	20
Toluene-d8	1.240	1.178		-5	20
4-Bromofluorobenzene	0.452	0.460		1.77	20

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