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.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date/Time: 05/06/2025 09:48

Lab File ID: VX046050.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	0.859		12.29	20
Chloromethane	0.742	0.774	0.1	4.31	20
Vinyl Chloride	0.691	0.694		0.43	20
Bromomethane	0.320	0.325		1.56	20
Chloroethane	0.369	0.367		-0.54	20
Trichlorofluoromethane	1.021	1.063		4.11	20
1,1,2-Trichlorotrifluoroethane	0.632	0.632		0	20
Tert butyl alcohol	0.131	0.124		-5.34	20
1,1-Dichloroethene	0.593	0.583		-1.69	20
Acetone	0.374	0.399		6.68	20
Carbon Disulfide	1.406	1.452		3.27	20
Methyl tert-butyl Ether	2.079	2.056		-1.11	20
Methyl Acetate	0.867	0.818		-5.65	20
Methylene Chloride	0.716	0.666		-6.98	20
trans-1,2-Dichloroethene	0.596	0.589		-1.17	20
1,1-Dichloroethane	1.219	1.186	0.1	-2.71	20
Cyclohexane	1.111	1.091		-1.8	20
2-Butanone	0.543	0.539		-0.74	20
Carbon Tetrachloride	0.544	0.559		2.76	20
cis-1,2-Dichloroethene	0.718	0.702		-2.23	20
Bromochloromethane	0.587	0.588		0.17	20
Chloroform	1.271	1.237		-2.67	20
1,1,1-Trichloroethane	1.101	1.109		0.73	20
Methylcyclohexane	0.623	0.642		3.05	20
Benzene	1.417	1.437		1.41	20
1,2-Dichloroethane	0.612	0.606		-0.98	20
Trichloroethene	0.341	0.345		1.17	20
1,2-Dichloropropane	0.352	0.364		3.41	20
Bromodichloromethane	0.547	0.569		4.02	20
4-Methyl-2-Pentanone	0.605	0.611		0.99	20
Toluene	0.869	0.871		0.23	20
t-1,3-Dichloropropene	0.487	0.522		7.19	20
cis-1,3-Dichloropropene	0.538	0.577		7.25	20
1,1,2-Trichloroethane	0.343	0.341		-0.58	20
2-Hexanone	0.448	0.456		1.79	20
Dibromochloromethane	0.376	0.401		6.65	20
1,2-Dibromoethane	0.356	0.358		0.56	20
Tetrachloroethene	0.354	0.347		-1.98	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
Chlorobenzene	1.094	1.081	0.3	-1.19	20
Ethyl Benzene	1.929	1.984		2.85	20
m/p-Xylenes	0.706	0.723		2.41	20
o-Xylene	0.688	0.699		1.6	20
Styrene	1.127	1.202		6.66	20
Bromoform	0.281	0.298	0.1	6.05	20
Isopropylbenzene	3.893	4.004		2.85	20
1,1,2,2-Tetrachloroethane	1.364	1.284	0.3	-5.86	20
1,3-Dichlorobenzene	1.649	1.684		2.12	20
1,4-Dichlorobenzene	1.684	1.660		-1.42	20
1,2-Dichlorobenzene	1.655	1.664		0.54	20
1,2-Dibromo-3-Chloropropane	0.302	0.304		0.66	20
1,2,4-Trichlorobenzene	0.951	0.988		3.89	20
1,2,3-Trichlorobenzene	0.981	0.982		0.1	20
1,2-Dichloroethane-d4	0.932	0.875		-6.12	20
Dibromofluoromethane	0.360	0.358		-0.56	20
Toluene-d8	1.246	1.235		-0.88	20
4-Bromofluorobenzene	0.478	0.474		-0.84	20

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