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

Lab Name: CHEMTECH Contract: FIRS02

Lab Code: CHEM Case No.: Q2072 SAS No.: Q2072 SDG No.: Q2072

Instrument ID: MSVOA_X Calibration Date/Time: 05/16/2025 09:22

Lab File ID: VX046228.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	0.769		0.52	20
Chloromethane	0.742	0.711	0.1	-4.18	20
Vinyl Chloride	0.691	0.646		-6.51	20
Bromomethane	0.320	0.290		-9.38	20
Chloroethane	0.369	0.361		-2.17	20
Trichlorofluoromethane	1.021	1.027		0.59	20
1,1,2-Trichlorotrifluoroethane	0.632	0.632		0	20
1,1-Dichloroethene	0.593	0.561		-5.4	20
Acetone	0.374	0.382		2.14	20
Carbon Disulfide	1.406	1.242		-11.66	20
Methyl tert-butyl Ether	2.079	2.019		-2.89	20
Methyl Acetate	0.867	0.942		8.65	20
Methylene Chloride	0.716	0.652		-8.94	20
trans-1,2-Dichloroethene	0.596	0.571		-4.2	20
1,1-Dichloroethane	1.219	1.184	0.1	-2.87	20
Cyclohexane	1.111	1.034		-6.93	20
2-Butanone	0.543	0.545		0.37	20
Carbon Tetrachloride	0.544	0.555		2.02	20
cis-1,2-Dichloroethene	0.718	0.684		-4.74	20
Bromochloromethane	0.587	0.596		1.53	20
Chloroform	1.271	1.254		-1.34	20
1,1,1-Trichloroethane	1.101	1.073		-2.54	20
Methylcyclohexane	0.623	0.608		-2.41	20
Benzene	1.417	1.418		0.07	20
1,2-Dichloroethane	0.612	0.614		0.33	20
Trichloroethene	0.341	0.341		0	20
1,2-Dichloropropane	0.352	0.373		5.97	20
Bromodichloromethane	0.547	0.579		5.85	20
4-Methyl-2-Pentanone	0.605	0.629		3.97	20
Toluene	0.869	0.864		-0.57	20
t-1,3-Dichloropropene	0.487	0.517		6.16	20
cis-1,3-Dichloropropene	0.538	0.571		6.13	20
1,1,2-Trichloroethane	0.343	0.353		2.91	20
2-Hexanone	0.448	0.468		4.46	20
Dibromochloromethane	0.376	0.402		6.91	20
1,2-Dibromoethane	0.356	0.364		2.25	20
Tetrachloroethene	0.354	0.372		5.09	20
Chlorobenzene	1.094	1.082	0.3	-1.1	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	1.962		1.71	20
m/p-Xylenes	0.706	0.716		1.42	20
o-Xylene	0.688	0.698		1.45	20
Styrene	1.127	1.198		6.3	20
Bromoform	0.281	0.296	0.1	5.34	20
Isopropylbenzene	3.893	3.974		2.08	20
1,1,2,2-Tetrachloroethane	1.364	1.296	0.3	-4.99	20
1,2,4-Trimethylbenzene	3.293	3.390		2.95	20
1,3-Dichlorobenzene	1.649	1.661		0.73	20
1,4-Dichlorobenzene	1.684	1.673		-0.65	20
1,2-Dichlorobenzene	1.655	1.667		0.73	20
1,2-Dibromo-3-Chloropropane	0.302	0.301		-0.33	20
1,2,4-Trichlorobenzene	0.951	0.961		1.05	20
1,2,3-Trichlorobenzene	0.981	0.965		-1.63	20
1,2-Dichloroethane-d4	0.932	0.895		-3.97	20
Dibromofluoromethane	0.360	0.380		5.56	20
Toluene-d8	1.246	1.276		2.41	20
4-Bromofluorobenzene	0.478	0.486		1.67	20

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