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

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2189 SAS No.: Q2189 SDG No.: Q2189

Instrument ID: MSVOA_X Calibration Date/Time: 06/03/2025 10:10

Lab File ID: VX046460.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	0.740		-3.27	20
Chloromethane	0.742	0.736	0.1	-0.81	20
Vinyl Chloride	0.691	0.673		-2.61	20
Bromomethane	0.320	0.292		-8.75	20
Chloroethane	0.369	0.371		0.54	20
Trichlorofluoromethane	1.021	1.024		0.29	20
1,1,2-Trichlorotrifluoroethane	0.632	0.643		1.74	20
1,1-Dichloroethene	0.593	0.595		0.34	20
Acetone	0.374	0.443		18.45	20
Carbon Disulfide	1.406	1.272		-9.53	20
Methyl tert-butyl Ether	2.079	2.188		5.24	20
Methyl Acetate	0.867	1.092		25.95	20
Methylene Chloride	0.716	0.695		-2.93	20
trans-1,2-Dichloroethene	0.596	0.602		1.01	20
1,1-Dichloroethane	1.219	1.266	0.1	3.86	20
Cyclohexane	1.111	1.099		-1.08	20
2-Butanone	0.543	0.573		5.53	20
Carbon Tetrachloride	0.544	0.550		1.1	20
cis-1,2-Dichloroethene	0.718	0.743		3.48	20
Bromochloromethane	0.587	0.560		-4.6	20
Chloroform	1.271	1.297		2.05	20
1,1,1-Trichloroethane	1.101	1.123		2	20
Methylcyclohexane	0.623	0.640		2.73	20
Benzene	1.417	1.465		3.39	20
1,2-Dichloroethane	0.612	0.633		3.43	20
Trichloroethene	0.341	0.351		2.93	20
1,2-Dichloropropane	0.352	0.380		7.95	20
Bromodichloromethane	0.547	0.587		7.31	20
4-Methyl-2-Pentanone	0.605	0.632		4.46	20
Toluene	0.869	0.896		3.11	20
t-1,3-Dichloropropene	0.487	0.526		8.01	20
cis-1,3-Dichloropropene	0.538	0.583		8.36	20
1,1,2-Trichloroethane	0.343	0.357		4.08	20
2-Hexanone	0.448	0.479		6.92	20
Dibromochloromethane	0.376	0.403		7.18	20
1,2-Dibromoethane	0.356	0.368		3.37	20
Tetrachloroethene	0.354	0.378		6.78	20
Chlorobenzene	1.094	1.132	0.3	3.47	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	2.094		8.55	20
m/p-Xylenes	0.706	0.754		6.8	20
o-Xylene	0.688	0.747		8.58	20
Styrene	1.127	1.256		11.45	20
Bromoform	0.281	0.299	0.1	6.41	20
Isopropylbenzene	3.893	4.081		4.83	20
1,1,2,2-Tetrachloroethane	1.364	1.325	0.3	-2.93	20
1,3-Dichlorobenzene	1.649	1.704		3.34	20
1,4-Dichlorobenzene	1.684	1.703		1.13	20
1,2-Dichlorobenzene	1.655	1.679		1.45	20
1,2-Dibromo-3-Chloropropane	0.302	0.308		1.99	20
1,2,4-Trichlorobenzene	0.951	1.014		6.63	20
1,2,3-Trichlorobenzene	0.981	1.026		4.59	20
1,2-Dichloroethane-d4	0.932	0.859		-7.83	20
Dibromofluoromethane	0.360	0.352		-2.22	20
Toluene-d8	1.246	1.151		-7.62	20
4-Bromofluorobenzene	0.478	0.460		-3.77	20

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