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

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

Instrument ID: MSVOA_X Calibration Date/Time: 03/05/2025 09:12

Lab File ID: VX045127.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.611		-2.86	20
Chloromethane	0.770	0.671	0.1	-12.86	20
Vinyl Chloride	0.764	0.689		-9.82	20
Bromomethane	0.300	0.271		-9.67	20
Chloroethane	0.352	0.291		-17.33	20
Trichlorofluoromethane	1.012	0.938		-7.31	20
1,1,2-Trichlorotrifluoroethane	0.581	0.581		0	20
1,1-Dichloroethene	0.614	0.553		-9.94	20
Acetone	0.369	0.301		-18.43	20
Carbon Disulfide	1.636	1.452		-11.25	20
Methyl tert-butyl Ether	2.061	1.855		-9.99	20
Methyl Acetate	0.888	0.810		-8.78	20
Methylene Chloride	0.731	0.640		-12.45	20
trans-1,2-Dichloroethene	0.607	0.571		-5.93	20
1,1-Dichloroethane	1.247	1.123	0.1	-9.94	20
Cyclohexane	1.082	1.035		-4.34	20
2-Butanone	0.555	0.488		-12.07	20
Carbon Tetrachloride	0.465	0.457		-1.72	20
cis-1,2-Dichloroethene	0.749	0.684		-8.68	20
Bromochloromethane	0.594	0.559		-5.89	20
Chloroform	1.239	1.123		-9.36	20
1,1,1-Trichloroethane	1.000	0.923		-7.7	20
Methylcyclohexane	0.549	0.609		10.93	20
Benzene	1.448	1.416		-2.21	20
1,2-Dichloroethane	0.521	0.506		-2.88	20
Trichloroethene	0.340	0.338		-0.59	20
1,2-Dichloropropane	0.372	0.355		-4.57	20
Bromodichloromethane	0.516	0.512		-0.77	20
4-Methyl-2-Pentanone	0.587	0.550		-6.3	20
Toluene	0.849	0.858		1.06	20
t-1,3-Dichloropropene	0.431	0.464		7.66	20
cis-1,3-Dichloropropene	0.503	0.541		7.55	20
1,1,2-Trichloroethane	0.350	0.334		-4.57	20
2-Hexanone	0.425	0.404		-4.94	20
Dibromochloromethane	0.366	0.374		2.19	20
1,2-Dibromoethane	0.349	0.340		-2.58	20
Tetrachloroethene	0.320	0.328		2.5	20
Chlorobenzene	1.058	1.044	0.3	-1.32	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	1.843	1.877		1.85	20
m/p-Xylenes	0.675	0.695		2.96	20
o-Xylene	0.681	0.676		-0.73	20
Styrene	1.101	1.118		1.54	20
Bromoform	0.266	0.272	0.1	2.26	20
Isopropylbenzene	3.903	3.893		-0.26	20
1,1,2,2-Tetrachloroethane	1.432	1.304	0.3	-8.94	20
1,3-Dichlorobenzene	1.643	1.598		-2.74	20
1,4-Dichlorobenzene	1.662	1.585		-4.63	20
1,2-Dichlorobenzene	1.648	1.633		-0.91	20
1,2-Dibromo-3-Chloropropane	0.279	0.264		-5.38	20
1,2,4-Trichlorobenzene	0.938	0.991		5.65	20
1,2,3-Trichlorobenzene	0.990	1.016		2.63	20
1,2-Dichloroethane-d4	0.795	0.743		-6.54	20
Dibromofluoromethane	0.334	0.344		2.99	20
Toluene-d8	1.212	1.229		1.4	20
4-Bromofluorobenzene	0.402	0.412		2.49	20

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