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

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG No.: Q1901

Instrument ID: MSVOA_X Calibration Date/Time: 04/29/2025 11:06

Lab File ID: VX045972.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.712		-4.81	20
Chloromethane	0.768	0.720	0.1	-6.25	20
Vinyl Chloride	0.703	0.677		-3.7	20
Bromomethane	0.333	0.325		-2.4	20
Chloroethane	0.373	0.394		5.63	20
Trichlorofluoromethane	1.048	1.127		7.54	20
1,1,2-Trichlorotrifluoroethane	0.614	0.689		12.22	20
1,1-Dichloroethene	0.600	0.621		3.5	20
Acetone	0.375	0.380		1.33	20
Carbon Disulfide	1.483	1.385		-6.61	20
Methyl tert-butyl Ether	2.100	2.373		13	20
Methyl Acetate	0.864	1.136		31.48	20
Methylene Chloride	0.703	0.722		2.7	20
trans-1,2-Dichloroethene	0.613	0.644		5.06	20
1,1-Dichloroethane	1.269	1.349	0.1	6.3	20
Cyclohexane	1.122	1.160		3.39	20
2-Butanone	0.550	0.579		5.27	20
Carbon Tetrachloride	0.518	0.608		17.38	20
cis-1,2-Dichloroethene	0.747	0.782		4.68	20
Bromochloromethane	0.613	0.597		-2.61	20
Chloroform	1.306	1.431		9.57	20
1,1,1-Trichloroethane	1.105	1.243		12.49	20
Methylcyclohexane	0.587	0.680		15.84	20
Benzene	1.463	1.586		8.41	20
1,2-Dichloroethane	0.604	0.686		13.58	20
Trichloroethene	0.348	0.388		11.49	20
1,2-Dichloropropane	0.365	0.412		12.88	20
Bromodichloromethane	0.560	0.647		15.54	20
4-Methyl-2-Pentanone	0.606	0.699		15.35	20
Toluene	0.885	0.989		11.75	20
t-1,3-Dichloropropene	0.467	0.593		26.98	20
cis-1,3-Dichloropropene	0.526	0.649		23.38	20
1,1,2-Trichloroethane	0.353	0.398		12.75	20
2-Hexanone	0.449	0.521		16.04	20
Dibromochloromethane	0.385	0.460		19.48	20
1,2-Dibromoethane	0.357	0.410		14.85	20
Tetrachloroethene	0.353	0.405		14.73	20
Chlorobenzene	1.068	1.251	0.3	17.14	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	1.914	2.266		18.39	20
m/p-Xylenes	0.696	0.830		19.25	20
o-Xylene	0.686	0.806		17.49	20
Styrene	1.132	1.379		21.82	20
Bromoform	0.277	0.351	0.1	26.72	20
Isopropylbenzene	4.005	4.316		7.76	20
1,1,2,2-Tetrachloroethane	1.407	1.407	0.3	0	20
1,3-Dichlorobenzene	1.684	1.834		8.91	20
1,4-Dichlorobenzene	1.708	1.848		8.2	20
1,2-Dichlorobenzene	1.675	1.817		8.48	20
1,2-Dibromo-3-Chloropropane	0.294	0.337		14.63	20
1,2,4-Trichlorobenzene	0.932	1.076		15.45	20
1,2,3-Trichlorobenzene	0.976	1.071		9.73	20
1,2-Dichloroethane-d4	0.914	0.918		0.44	20
Dibromofluoromethane	0.355	0.375		5.63	20
Toluene-d8	1.238	1.242		0.32	20
4-Bromofluorobenzene	0.451	0.499		10.64	20

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