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

Lab Name: CHEMTECH Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG No.: Q2393

Instrument ID: MSVOA_Y Calibration Date/Time: 06/24/2025 09:20

Lab File ID: VY022785.D Init. Calib. Date(s): 06/23/2025 06/23/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:38 15:31

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.428	0.390		-8.88	20
Chloromethane	0.816	0.733	0.1	-10.17	20
Vinyl Chloride	1.020	0.931		-8.73	20
Bromomethane	0.802	0.695		-13.34	20
Chloroethane	0.686	0.626		-8.75	20
Trichlorofluoromethane	1.129	1.023		-9.39	20
1,1,2-Trichlorotrifluoroethane	0.516	0.503		-2.52	20
1,1-Dichloroethene	0.506	0.489		-3.36	20
Acetone	0.105	0.124		18.09	20
Carbon Disulfide	1.635	1.605		-1.84	20
Methyl tert-butyl Ether	1.378	1.347		-2.25	20
Methyl Acetate	0.349	0.296		-15.19	20
Methylene Chloride	0.666	0.577		-13.36	20
trans-1,2-Dichloroethene	0.578	0.559		-3.29	20
1,1-Dichloroethane	1.044	1.022	0.1	-2.11	20
Cyclohexane	0.959	0.899		-6.26	20
2-Butanone	0.154	0.159		3.25	20
Carbon Tetrachloride	0.486	0.484		-0.41	20
cis-1,2-Dichloroethene	0.672	0.652		-2.98	20
Bromochloromethane	0.439	0.438		-0.23	20
Chloroform	1.076	1.045		-2.79	20
1,1,1-Trichloroethane	0.929	0.904		-2.69	20
Methylcyclohexane	0.596	0.602		1.01	20
Benzene	1.417	1.410		-0.49	20
1,2-Dichloroethane	0.388	0.391		0.77	20
Trichloroethene	0.356	0.347		-2.53	20
1,2-Dichloropropane	0.332	0.331		-0.3	20
Bromodichloromethane	0.485	0.484		-0.21	20
4-Methyl-2-Pentanone	0.210	0.214		1.9	20
Toluene	0.894	0.889		-0.56	20
t-1,3-Dichloropropene	0.437	0.441		0.92	20
cis-1,3-Dichloropropene	0.506	0.512		1.19	20
1,1,2-Trichloroethane	0.244	0.245		0.41	20
2-Hexanone	0.143	0.150		4.89	20
Dibromochloromethane	0.315	0.315		0	20
1,2-Dibromoethane	0.228	0.226		-0.88	20
Tetrachloroethene	0.472	0.441		-6.57	20
Chlorobenzene	1.099	1.101	0.3	0.18	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	1.930	1.991		3.16	20
m/p-Xylenes	0.746	0.768		2.95	20
o-Xylene	0.703	0.719		2.28	20
Styrene	1.178	1.214		3.06	20
Bromoform	0.207	0.204	0.1	-1.45	20
Isopropylbenzene	3.698	3.705		0.19	20
1,1,2,2-Tetrachloroethane	0.596	0.613	0.3	2.85	20
1,3-Dichlorobenzene	1.683	1.685		0.12	20
1,4-Dichlorobenzene	1.672	1.646		-1.55	20
1,2-Dichlorobenzene	1.483	1.446		-2.49	20
1,2-Dibromo-3-Chloropropane	0.101	0.097		-3.96	20
1,2,4-Trichlorobenzene	0.838	0.807		-3.7	20
1,2,3-Trichlorobenzene	0.724	0.692		-4.42	20
1,2-Dichloroethane-d4	0.558	0.544		-2.51	20
Dibromofluoromethane	0.304	0.310		1.97	20
Toluene-d8	1.207	1.226		1.57	20
4-Bromofluorobenzene	0.388	0.387		-0.26	20

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