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

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: MSVOA_N Calibration Date/Time: 01/31/2025 20:29

Lab File ID: VN085615.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.677	0.576		-14.92	50
Chloromethane	0.733	0.627	0.1	-14.46	50
Vinyl Chloride	0.737	0.670		-9.09	50
Bromomethane	0.445	0.405		-8.99	50
Chloroethane	0.467	0.487		4.28	50
Trichlorofluoromethane	1.069	1.150		7.58	50
1,1,2-Trichlorotrifluoroethane	0.602	0.596		-1	50
1,1-Dichloroethene	0.537	0.544		1.3	50
Acetone	0.261	0.318		21.84	50
Carbon Disulfide	1.652	1.302		-21.19	50
Methyl tert-butyl Ether	1.742	2.051		17.74	50
Methyl Acetate	0.793	1.060		33.67	50
Methylene Chloride	0.646	0.671		3.87	50
trans-1,2-Dichloroethene	0.573	0.581		1.4	50
1,1-Dichloroethane	1.178	1.265	0.1	7.39	50
Cyclohexane	1.024	0.899		-12.21	50
2-Butanone	0.384	0.485		26.3	50
Carbon Tetrachloride	0.557	0.583		4.67	50
cis-1,2-Dichloroethene	0.675	0.724		7.26	50
Bromochloromethane	0.548	0.554		1.1	50
Chloroform	1.218	1.330		9.19	50
1,1,1-Trichloroethane	1.068	1.160		8.61	50
Methylcyclohexane	0.457	0.432		-5.47	50
Benzene	1.463	1.531		4.65	50
1,2-Dichloroethane	0.551	0.589		6.9	50
Trichloroethene	0.341	0.334		-2.05	50
1,2-Dichloropropane	0.374	0.405		8.29	50
Bromodichloromethane	0.549	0.622		13.3	50
4-Methyl-2-Pentanone	0.457	0.604		32.17	50
Toluene	0.848	0.935		10.26	50
t-1,3-Dichloropropene	0.519	0.572		10.21	50
cis-1,3-Dichloropropene	0.554	0.599		8.12	50
1,1,2-Trichloroethane	0.335	0.378		12.84	50
2-Hexanone	0.321	0.444		38.32	50
Dibromochloromethane	0.405	0.457		12.84	50
1,2-Dibromoethane	0.334	0.372		11.38	50
Tetrachloroethene	0.341	0.321		-5.86	50
Chlorobenzene	1.095	1.162	0.3	6.12	50

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	1.784	2.013		12.84	50
m/p-Xylenes	0.659	0.769		16.69	50
o-Xylene	0.630	0.722		14.6	50
Styrene	1.043	1.279		22.63	50
Bromoform	0.288	0.349	0.1	21.18	50
Isopropylbenzene	3.375	3.678		8.98	50
1,1,2,2-Tetrachloroethane	1.192	1.323	0.3	10.99	50
1,3-Dichlorobenzene	1.624	1.688		3.94	50
1,4-Dichlorobenzene	1.683	1.687		0.24	50
1,2-Dichlorobenzene	1.620	1.641		1.3	50
1,2-Dibromo-3-Chloropropane	0.218	0.266		22.02	50
1,2,4-Trichlorobenzene	0.753	0.752		-0.13	50
1,2,3-Trichlorobenzene	0.762	0.771		1.18	50
1,2-Dichloroethane-d4	0.807	0.892		10.53	50
Dibromofluoromethane	0.347	0.375		8.07	50
Toluene-d8	1.232	1.340		8.77	50
4-Bromofluorobenzene	0.422	0.474		12.32	50

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