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: 01/30/2025 13:08

Lab File ID: VN085576.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	0.579		-14.48	20
Chloromethane	0.733	0.622	0.1	-15.14	20
Vinyl Chloride	0.737	0.645		-12.48	20
Bromomethane	0.445	0.393		-11.69	20
Chloroethane	0.467	0.456		-2.36	20
Trichlorofluoromethane	1.069	1.041		-2.62	20
1,1,2-Trichlorotrifluoroethane	0.602	0.603		0.17	20
1,1-Dichloroethene	0.537	0.511		-4.84	20
Acetone	0.261	0.275		5.36	20
Carbon Disulfide	1.652	1.304		-21.07	20
Methyl tert-butyl Ether	1.742	1.897		8.9	20
Methyl Acetate	0.793	0.912		15.01	20
Methylene Chloride	0.646	0.652		0.93	20
trans-1,2-Dichloroethene	0.573	0.569		-0.7	20
1,1-Dichloroethane	1.178	1.222	0.1	3.73	20
Cyclohexane	1.024	0.904		-11.72	20
2-Butanone	0.384	0.423		10.16	20
Carbon Tetrachloride	0.557	0.579		3.95	20
cis-1,2-Dichloroethene	0.675	0.706		4.59	20
Bromochloromethane	0.548	0.504		-8.03	20
Chloroform	1.218	1.290		5.91	20
1,1,1-Trichloroethane	1.068	1.127		5.52	20
Methylcyclohexane	0.457	0.442		-3.28	20
Benzene	1.463	1.505		2.87	20
1,2-Dichloroethane	0.551	0.581		5.45	20
Trichloroethene	0.341	0.329		-3.52	20
1,2-Dichloropropane	0.374	0.399		6.68	20
Bromodichloromethane	0.549	0.609		10.93	20
4-Methyl-2-Pentanone	0.457	0.549		20.13	20
Toluene	0.848	0.945		11.44	20
t-1,3-Dichloropropene	0.519	0.570		9.83	20
cis-1,3-Dichloropropene	0.554	0.607		9.57	20
1,1,2-Trichloroethane	0.335	0.376		12.24	20
2-Hexanone	0.321	0.400		24.61	20
Dibromochloromethane	0.405	0.455		12.35	20
1,2-Dibromoethane	0.334	0.362		8.38	20
Tetrachloroethene	0.341	0.352		3.23	20
Chlorobenzene	1.095	1.097	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	1.784	1.948		9.19	20
m/p-Xylenes	0.659	0.747		13.35	20
o-Xylene	0.630	0.706		12.06	20
Styrene	1.043	1.238		18.7	20
Bromoform	0.288	0.330	0.1	14.58	20
Isopropylbenzene	3.375	3.560		5.48	20
1,1,2,2-Tetrachloroethane	1.192	1.189	0.3	-0.25	20
1,3-Dichlorobenzene	1.624	1.685		3.76	20
1,4-Dichlorobenzene	1.683	1.639		-2.61	20
1,2-Dichlorobenzene	1.620	1.633		0.8	20
1,2-Dibromo-3-Chloropropane	0.218	0.229		5.05	20
1,2,4-Trichlorobenzene	0.753	0.731		-2.92	20
1,2,3-Trichlorobenzene	0.762	0.744		-2.36	20
1,2-Dichloroethane-d4	0.807	0.851		5.45	20
Dibromofluoromethane	0.347	0.370		6.63	20
Toluene-d8	1.232	1.346		9.25	20
4-Bromofluorobenzene	0.422	0.477		13.03	20

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