284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q1194 SAS No.: Q1194 SDG No.: Q1194

Instrument ID: MSVOA_N Calibration Date/Time: 01/27/2025 14:50

Lab File ID: VN085516.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	0.547		-19.2	20
Chloromethane	0.733	0.639	0.1	-12.82	20
Vinyl Chloride	0.737	0.633		-14.11	20
Bromomethane	0.445	0.432		-2.92	20
Chloroethane	0.467	0.434		-7.07	20
Trichlorofluoromethane	1.069	0.963		-9.92	20
1,1,2-Trichlorotrifluoroethane	0.602	0.524		-12.96	20
1,1-Dichloroethene	0.537	0.511		-4.84	20
Acetone	0.261	0.281		7.66	20
Carbon Disulfide	1.652	1.312		-20.58	20
Methyl tert-butyl Ether	1.742	2.172		24.68	20
Methyl Acetate	0.793	0.949		19.67	20
Methylene Chloride	0.646	0.674		4.33	20
trans-1,2-Dichloroethene	0.573	0.556		-2.97	20
1,1-Dichloroethane	1.178	1.235	0.1	4.84	20
Cyclohexane	1.024	0.824		-19.53	20
2-Butanone	0.384	0.433		12.76	20
Carbon Tetrachloride	0.557	0.493		-11.49	20
cis-1,2-Dichloroethene	0.675	0.728		7.85	20
Bromochloromethane	0.548	0.503		-8.21	20
Chloroform	1.218	1.284		5.42	20
1,1,1-Trichloroethane	1.068	1.050		-1.68	20
Methylcyclohexane	0.457	0.400		-12.47	20
Benzene	1.463	1.430		-2.26	20
1,2-Dichloroethane	0.551	0.563		2.18	20
Trichloroethene	0.341	0.323		-5.28	20
1,2-Dichloropropane	0.374	0.378		1.07	20
Bromodichloromethane	0.549	0.583		6.19	20
4-Methyl-2-Pentanone	0.457	0.523		14.44	20
Toluene	0.848	0.877		3.42	20
t-1,3-Dichloropropene	0.519	0.584		12.52	20
cis-1,3-Dichloropropene	0.554	0.613		10.65	20
1,1,2-Trichloroethane	0.335	0.357		6.57	20
2-Hexanone	0.321	0.375		16.82	20
Dibromochloromethane	0.405	0.436		7.65	20
1,2-Dibromoethane	0.334	0.357		6.89	20
Tetrachloroethene	0.341	0.320		-6.16	20
Chlorobenzene	1.095	1.094	0.3	-0.09	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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GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.784	1.852		3.81	20
m/p-Xylenes	0.659	0.705		6.98	20
o-Xylene	0.630	0.689		9.36	20
Styrene	1.043	1.211		16.11	20
Bromoform	0.288	0.332	0.1	15.28	20
Isopropylbenzene	3.375	3.414		1.16	20
1,1,2,2-Tetrachloroethane	1.192	1.227	0.3	2.94	20
1,3-Dichlorobenzene	1.624	1.629		0.31	20
1,4-Dichlorobenzene	1.683	1.636		-2.79	20
1,2-Dichlorobenzene	1.620	1.617		-0.19	20
1,2-Dibromo-3-Chloropropane	0.218	0.231		5.96	20
1,2,4-Trichlorobenzene	0.753	0.807		7.17	20
1,2,3-Trichlorobenzene	0.762	0.812		6.56	20
1,2-Dichloroethane-d4	0.807	0.829		2.73	20
Dibromofluoromethane	0.347	0.327		-5.76	20
Toluene-d8	1.232	1.150		-6.66	20
4-Bromofluorobenzene	0.422	0.421		-0.24	20

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