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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447 SDG No.: Q1447

Instrument ID: MSVOA_Y Calibration Date/Time: 03/05/2025 11:39

Lab File ID: VY021406.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.459	0.395		-13.94	20
Chloromethane	0.647	0.602	0.1	-6.95	20
Vinyl Chloride	0.707	0.693		-1.98	20
Bromomethane	0.511	0.454		-11.15	20
Chloroethane	0.467	0.460		-1.5	20
Trichlorofluoromethane	0.987	0.928		-5.98	20
1,1,2-Trichlorotrifluoroethane	0.563	0.488		-13.32	20
1,1-Dichloroethene	0.514	0.465		-9.53	20
Acetone	0.115	0.107		-6.96	20
Carbon Disulfide	1.610	1.471		-8.63	20
Methyl tert-butyl Ether	1.302	1.315		1	20
Methyl Acetate	0.256	0.275		7.42	20
Methylene Chloride	0.605	0.523		-13.55	20
trans-1,2-Dichloroethene	0.575	0.527		-8.35	20
1,1-Dichloroethane	1.056	0.976	0.1	-7.58	20
Cyclohexane	0.990	0.822		-16.97	20
2-Butanone	0.159	0.162		1.89	20
Carbon Tetrachloride	0.592	0.529		-10.64	20
cis-1,2-Dichloroethene	0.653	0.616		-5.67	20
Bromochloromethane	0.443	0.392		-11.51	20
Chloroform	1.096	1.005		-8.3	20
1,1,1-Trichloroethane	1.004	0.905		-9.86	20
Methylcyclohexane	0.631	0.545		-13.63	20
Benzene	1.515	1.400		-7.59	20
1,2-Dichloroethane	0.424	0.407		-4.01	20
Trichloroethene	0.383	0.353		-7.83	20
1,2-Dichloropropane	0.361	0.339		-6.09	20
Bromodichloromethane	0.533	0.504		-5.44	20
4-Methyl-2-Pentanone	0.228	0.249		9.21	20
Toluene	0.955	0.888		-7.02	20
t-1,3-Dichloropropene	0.470	0.463		-1.49	20
cis-1,3-Dichloropropene	0.557	0.541		-2.87	20
1,1,2-Trichloroethane	0.263	0.255		-3.04	20
2-Hexanone	0.151	0.169		11.92	20
Dibromochloromethane	0.360	0.353		-1.94	20
1,2-Dibromoethane	0.248	0.244		-1.61	20
Tetrachloroethene	0.407	0.367		-9.83	20
Chlorobenzene	1.181	1.084	0.3	-8.21	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	2.072	1.909		-7.87	20
m/p-Xylenes	0.787	0.728		-7.5	20
o-Xylene	0.725	0.686		-5.38	20
Styrene	1.203	1.164		-3.24	20
Bromoform	0.233	0.234	0.1	0.43	20
Isopropylbenzene	3.939	3.479		-11.68	20
1,1,2,2-Tetrachloroethane	0.695	0.670	0.3	-3.6	20
1,3-Dichlorobenzene	1.834	1.630		-11.12	20
1,4-Dichlorobenzene	1.794	1.611		-10.2	20
1,2-Dichlorobenzene	1.572	1.457		-7.32	20
1,2-Dibromo-3-Chloropropane	0.104	0.104		0	20
1,2,4-Trichlorobenzene	0.859	0.825		-3.96	20
1,2,3-Trichlorobenzene	0.722	0.707		-2.08	20
1,2-Dichloroethane-d4	0.528	0.563		6.63	20
Dibromofluoromethane	0.329	0.348		5.78	20
Toluene-d8	1.244	1.298		4.34	20
4-Bromofluorobenzene	0.423	0.449		6.15	20

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