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.: Q1514 SAS No.: Q1514 SDG No.: Q1514

Instrument ID: MSVOA_Y Calibration Date/Time: 03/11/2025 09:42

Lab File ID: VY021474.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	0.404		-11.98	20
Chloromethane	0.647	0.619	0.1	-4.33	20
Vinyl Chloride	0.707	0.717		1.41	20
Bromomethane	0.511	0.467		-8.61	20
Chloroethane	0.467	0.485		3.85	20
Trichlorofluoromethane	0.987	0.986		-0.1	20
1,1,2-Trichlorotrifluoroethane	0.563	0.527		-6.39	20
1,1-Dichloroethene	0.514	0.478		-7	20
Acetone	0.115	0.100		-13.04	20
Carbon Disulfide	1.610	1.485		-7.76	20
Methyl tert-butyl Ether	1.302	1.276		-2	20
Methyl Acetate	0.256	0.288		12.5	20
Methylene Chloride	0.605	0.529		-12.56	20
trans-1,2-Dichloroethene	0.575	0.544		-5.39	20
1,1-Dichloroethane	1.056	0.992	0.1	-6.06	20
Cyclohexane	0.990	0.875		-11.62	20
2-Butanone	0.159	0.150		-5.66	20
Carbon Tetrachloride	0.592	0.586		-1.01	20
cis-1,2-Dichloroethene	0.653	0.626		-4.14	20
Bromochloromethane	0.443	0.423		-4.51	20
Chloroform	1.096	1.037		-5.38	20
1,1,1-Trichloroethane	1.004	0.951		-5.28	20
Methylcyclohexane	0.631	0.621		-1.59	20
Benzene	1.515	1.491		-1.58	20
1,2-Dichloroethane	0.424	0.423		-0.24	20
Trichloroethene	0.383	0.375		-2.09	20
1,2-Dichloropropane	0.361	0.356		-1.38	20
Bromodichloromethane	0.533	0.534		0.19	20
4-Methyl-2-Pentanone	0.228	0.243		6.58	20
Toluene	0.955	0.954		-0.1	20
t-1,3-Dichloropropene	0.470	0.485		3.19	20
cis-1,3-Dichloropropene	0.557	0.562		0.9	20
1,1,2-Trichloroethane	0.263	0.268		1.9	20
2-Hexanone	0.151	0.166		9.93	20
Dibromochloromethane	0.360	0.368		2.22	20
1,2-Dibromoethane	0.248	0.253		2.02	20
Tetrachloroethene	0.407	0.400		-1.72	20
Chlorobenzene	1.181	1.133	0.3	-4.06	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	2.033		-1.88	20
m/p-Xylenes	0.787	0.775		-1.52	20
o-Xylene	0.725	0.727		0.28	20
Styrene	1.203	1.227		2	20
Bromoform	0.233	0.241	0.1	3.43	20
Isopropylbenzene	3.939	3.795		-3.66	20
1,1,2,2-Tetrachloroethane	0.695	0.661	0.3	-4.89	20
1,3-Dichlorobenzene	1.834	1.747		-4.74	20
1,4-Dichlorobenzene	1.794	1.723		-3.96	20
1,2-Dichlorobenzene	1.572	1.535		-2.35	20
1,2-Dibromo-3-Chloropropane	0.104	0.105		0.96	20
1,2,4-Trichlorobenzene	0.859	0.916		6.64	20
1,2,3-Trichlorobenzene	0.722	0.771		6.79	20
1,2-Dichloroethane-d4	0.528	0.407		-22.92	20
Dibromofluoromethane	0.329	0.262		-20.36	20
Toluene-d8	1.244	0.971		-21.94	20
4-Bromofluorobenzene	0.423	0.342		-19.15	20

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