



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: loui01

Lab Code: CHEM Case No.: 01233 SAS No.: 01233 SDG No.: 01233

Instrument ID: MSVOA_D Calibration Date/Time: 01/20/2023 11:13

Lab File ID: VD075146.D Init. Calib. Date(s): 01/18/2023 01/18/2023

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:25 13:10

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.435	0.403		-7.36	20
Chloromethane	0.646	0.592	0.1	-8.36	20
Vinyl Chloride	0.693	0.650		-6.2	20
Bromomethane	0.471	0.446		-5.31	20
Chloroethane	0.481	0.471		-2.08	20
Trichlorofluoromethane	0.881	0.908		3.07	20
1,1,2-Trichlorotrifluoroethane	0.544	0.579		6.43	20
1,1-Dichloroethene	0.573	0.596		4.01	20
Acetone	0.135	0.162		20	20
Carbon Disulfide	1.857	1.937		4.31	20
Methyl tert-butyl Ether	1.196	1.225		2.42	20
Methyl Acetate	0.366	0.370		1.09	20
Methylene Chloride	0.849	0.689		-18.85	20
trans-1,2-Dichloroethene	0.637	0.665		4.4	20
1,1-Dichloroethane	1.087	1.152	0.1	5.98	20
Cyclohexane	1.023	1.045		2.15	20
2-Butanone	0.163	0.183		12.27	20
Carbon Tetrachloride	0.409	0.449		9.78	20
cis-1,2-Dichloroethene	0.695	0.719		3.45	20
Bromochloromethane	0.297	0.289		-2.69	20
Chloroform	1.084	1.111		2.49	20
1,1,1-Trichloroethane	0.934	0.984		5.35	20
Methylcyclohexane	0.598	0.658		10.03	20
Benzene	1.384	1.453		4.99	20
1,2-Dichloroethane	0.364	0.387		6.32	20
Trichloroethene	0.389	0.402		3.34	20
1,2-Dichloropropane	0.341	0.366		7.33	20
Bromodichloromethane	0.446	0.473		6.05	20
4-Methyl-2-Pentanone	0.183	0.194		6.01	20
Toluene	0.875	0.922		5.37	20
t-1,3-Dichloropropene	0.422	0.441		4.5	20
cis-1,3-Dichloropropene	0.516	0.551		6.78	20
1,1,2-Trichloroethane	0.238	0.249		4.62	20
2-Hexanone	0.132	0.152		15.15	20
Dibromochloromethane	0.287	0.301		4.88	20
1,2-Dibromoethane	0.227	0.233		2.64	20
Tetrachloroethene	0.357	0.381		6.72	20
Chlorobenzene	1.025	1.070	0.3	4.39	20
Ethyl Benzene	1.844	1.986		7.7	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
m/p-Xylenes	0.712	0.763		7.16	20
o-Xylene	0.668	0.712		6.59	20
Styrene	1.111	1.175		5.76	20
Bromoform	0.178	0.191	0.1	7.3	20
Isopropylbenzene	3.949	4.198		6.3	20
1,1,2,2-Tetrachloroethane	0.629	0.668	0.3	6.2	20
1,3-Dichlorobenzene	1.749	1.801		2.97	20
1,4-Dichlorobenzene	1.720	1.777		3.31	20
1,2-Dichlorobenzene	1.496	1.536		2.67	20
1,2-Dibromo-3-Chloropropane	0.096	0.100		4.17	20
1,2,4-Trichlorobenzene	0.982	0.996		1.43	20
1,2,3-Trichlorobenzene	0.838	0.846		0.95	20
1,2-Dichloroethane-d4	0.510	0.508		-0.39	20
Dibromofluoromethane	0.302	0.312		3.31	20
Toluene-d8	1.190	1.231		3.44	20
4-Bromofluorobenzene	0.378	0.382		1.06	20

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