CHEMTECH 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.: O1233 SAS No.: O1233 SDG No.: O1233

Instrument ID: MSVOA_N Calibration Date/Time: 01/20/2023 10:27

Lab File ID: VN076337.D Init. Calib. Date(s): 01/16/2023 01/16/2023

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:54 13:17

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.512	0.472		-7.81	20
Chloromethane	0.531	0.468	0.1	-11.86	20
Vinyl Chloride	0.650	0.587		-9.69	20
Bromomethane	0.533	0.487		-8.63	20
Chloroethane	0.488	0.443		-9.22	20
Trichlorofluoromethane	0.895	0.825		-7.82	20
1,1,2-Trichlorotrifluoroethane	0.507	0.479		-5.52	20
1,1-Dichloroethene	0.479	0.448		-6.47	20
Acetone	0.195	0.184		-5.64	20
Carbon Disulfide	1.192	1.019		-14.51	20
Methyl tert-butyl Ether	1.559	1.530		-1.86	20
Methyl Acetate	0.608	0.535		-12.01	20
Methylene Chloride	0.645	0.515		-20.16	20
trans-1,2-Dichloroethene	0.519	0.471		-9.25	20
1,1-Dichloroethane	0.877	0.813	0.1	-7.3	20
Cyclohexane	0.860	0.733		-14.77	20
2-Butanone	0.274	0.255		-6.93	20
Carbon Tetrachloride	0.496	0.476		-4.03	20
cis-1,2-Dichloroethene	0.605	0.578		-4.46	20
Bromochloromethane	0.356	0.353		-0.84	20
Chloroform	0.971	0.919		-5.36	20
1,1,1-Trichloroethane	0.886	0.851		-3.95	20
Methylcyclohexane	0.543	0.530		-2.39	20
Benzene	1.329	1.262		-5.04	20
1,2-Dichloroethane	0.455	0.425		-6.59	20
Trichloroethene	0.376	0.353		-6.12	20
1,2-Dichloropropane	0.318	0.300		-5.66	20
Bromodichloromethane	0.466	0.454		-2.58	20
4-Methyl-2-Pentanone	0.340	0.325		-4.41	20
Toluene	0.889	0.843		-5.17	20
t-1,3-Dichloropropene	0.444	0.470		5.86	20
cis-1,3-Dichloropropene	0.511	0.511		0	20
1,1,2-Trichloroethane	0.340	0.322		-5.29	20
2-Hexanone	0.247	0.242		-2.02	20
Dibromochloromethane	0.358	0.371		3.63	20
1,2-Dibromoethane	0.339	0.338		-0.29	20
Tetrachloroethene	0.451	0.415		-7.98	20
Chlorobenzene	1.057	1.011	0.3	-4.35	20
Ethyl Benzene	1.809	1.805		-0.22	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	0.725	0.724		-0.14	20
o-Xylene	0.712	0.712		0	20
Styrene	1.137	1.175		3.34	20
Bromoform	0.284	0.293	0.1	3.17	20
Isopropylbenzene	3.868	3.769		-2.56	20
1,1,2,2-Tetrachloroethane	1.112	0.997	0.3	-10.34	20
1,3-Dichlorobenzene	1.823	1.710		-6.2	20
1,4-Dichlorobenzene	1.842	1.691		-8.2	20
1,2-Dichlorobenzene	1.816	1.687		-7.1	20
1,2-Dibromo-3-Chloropropane	0.193	0.185		-4.14	20
1,2,4-Trichlorobenzene	0.870	0.848		-2.53	20
1,2,3-Trichlorobenzene	0.823	0.806		-2.07	20
1,2-Dichloroethane-d4	0.560	0.568		1.43	20
Dibromofluoromethane	0.313	0.326		4.15	20
Toluene-d8	1.155	1.207		4.5	20
4-Bromofluorobenzene	0.377	0.435		15.39	20

All other compounds must meet a minimum RRF of 0.010.
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