

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG No.: P4860

Instrument ID: MSVOA_D Calibration Date/Time: 11/18/2024 09:51

Lab File ID: VD080058.D Init. Calib. Date(s): 11/15/2024 11/15/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:04 12:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.401	0.410		2.24	20
Chloromethane	0.295	0.265	0.1	-10.17	20
Vinyl Chloride	0.337	0.308		-8.6	20
Bromomethane	0.374	0.322		-13.9	20
Chloroethane	0.241	0.206		-14.52	20
Trichlorofluoromethane	0.827	0.852		3.02	20
1,1,2-Trichlorotrifluoroethane	0.517	0.574		11.02	20
1,1-Dichloroethene	0.518	0.539		4.05	20
Acetone	0.112	0.136		21.43	20
Carbon Disulfide	1.668	1.742		4.44	20
Methyl tert-butyl Ether	1.057	1.138		7.66	20
Methyl Acetate	0.248	0.252		1.61	20
Methylene Chloride	0.599	0.607		1.34	20
trans-1,2-Dichloroethene	0.573	0.612		6.81	20
1,1-Dichloroethane	0.989	1.006	0.1	1.72	20
Cyclohexane	0.838	0.852		1.67	20
2-Butanone	0.146	0.160		9.59	20
Carbon Tetrachloride	0.497	0.570		14.69	20
cis-1,2-Dichloroethene	0.657	0.682		3.81	20
Bromochloromethane	0.440	0.409		-7.05	20
Chloroform	1.042	1.115		7.01	20
1,1,1-Trichloroethane	0.892	0.953		6.84	20
Methylcyclohexane	0.542	0.647		19.37	20
Benzene	1.418	1.574		11	20
1,2-Dichloroethane	0.367	0.414		12.81	20
Trichloroethene	0.367	0.403		9.81	20
1,2-Dichloropropane	0.341	0.380		11.44	20
Bromodichloromethane	0.496	0.561		13.1	20
4-Methyl-2-Pentanone	0.180	0.222		23.33	20
Toluene	0.881	1.039		17.93	20
t-1,3-Dichloropropene	0.442	0.504		14.03	20
cis-1,3-Dichloropropene	0.524	0.597		13.93	20
1,1,2-Trichloroethane	0.262	0.299		14.12	20
2-Hexanone	0.132	0.172		30.3	20
Dibromochloromethane	0.338	0.402		18.93	20
1,2-Dibromoethane	0.247	0.292		18.22	20
Tetrachloroethene	0.356	0.401		12.64	20
Chlorobenzene	1.091	1.194	0.3	9.44	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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Ethyl Benzene	1.830	2.115		15.57	20
m/p-Xylenes	0.715	0.835		16.78	20
o-Xylene	0.643	0.755		17.42	20
Styrene	1.148	1.353		17.86	20
Bromoform	0.224	0.262	0.1	16.96	20
Isopropylbenzene	3.224	3.560		10.42	20
1,1,2,2-Tetrachloroethane	0.620	0.671	0.3	8.23	20
1,3-Dichlorobenzene	1.697	1.841		8.49	20
1,4-Dichlorobenzene	1.704	1.824		7.04	20
1,2-Dichlorobenzene	1.480	1.593		7.64	20
1,2-Dibromo-3-Chloropropane	0.094	0.097		3.19	20
1,2,4-Trichlorobenzene	0.928	1.118		20.47	20
1,2,3-Trichlorobenzene	0.815	0.928		13.86	20
1,2-Dichloroethane-d4	0.515	0.514		-0.19	20
Dibromofluoromethane	0.333	0.359		7.81	20
Toluene-d8	1.254	1.382		10.21	20
4-Bromofluorobenzene	0.411	0.467		13.63	20

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