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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR16

Lab Code: CHEM Case No.: P5296 SAS No.: P5296 SDG No.: P5296

Instrument ID: MSVOA_L Calibration Date/Time: 12/19/2024 13:16

Lab File ID: VL041818.D Init. Calib. Date(s): 12/16/2024 12/16/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 13:30 16:41

GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.779	1.343		-24.51	30
Chloromethane	0.696	0.646		-7.18	30
Vinyl Chloride	0.701	0.606		-13.55	30
Bromomethane	0.331	0.290		-12.39	30
Chloroethane	0.272	0.246		-9.56	30
Tetrahydrofuran	0.451	0.426		-5.54	30
Trichlorofluoromethane	1.890	1.662		-12.06	30
1,1,2-Trichlorotrifluoroethane	1.438	1.243		-13.56	30
Dichlorotetrafluoroethane	1.593	1.403		-11.93	30
tert-Butyl alcohol	1.930	1.696		-12.12	30
Heptane	1.816	1.568		-13.66	30
1,1-Dichloroethene	0.603	0.511		-15.26	30
Acetone	1.946	1.494		-23.23	30
Carbon Disulfide	1.238	1.086		-12.28	30
Methyl tert-Butyl Ether	1.114	0.853		-23.43	30
Methylene Chloride	0.555	0.466		-16.04	30
trans-1,2-Dichloroethene	0.690	0.584		-15.36	30
1,1-Dichloroethane	1.396	1.266		-9.31	30
Cyclohexane	1.169	0.957		-18.14	30
2-Butanone	0.805	0.784		-2.61	30
Carbon Tetrachloride	0.710	0.763		7.47	30
cis-1,2-Dichloroethene	1.419	1.212		-14.59	30
Chloroform	2.093	1.908		-8.84	30
1,1,1-Trichloroethane	2.128	1.835		-13.77	30
2,2,4-Trimethylpentane	1.767	1.713		-3.06	30
Benzene	1.034	0.981		-5.13	30
1,2-Dichloroethane	0.644	0.645		0.16	30
Trichloroethene	0.439	0.372		-15.26	30
1,2-Dichloropropane	0.374	0.358		-4.28	30
Bromodichloromethane	0.740	0.762		2.97	30
4-Methyl-2-Pentanone	1.095	1.067		-2.56	30
Toluene	1.173	1.037		-11.59	30
t-1,3-Dichloropropene	0.408	0.356		-12.74	30
cis-1,3-Dichloropropene	0.518	0.461		-11	30
1,1,2-Trichloroethane	0.391	0.372		-4.86	30
Dibromochloromethane	0.534	0.545		2.06	30
1,2-Dibromoethane	0.538	0.509		-5.39	30
Tetrachloroethene	0.385	0.318		-17.4	30

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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GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	1.023	0.990		-3.23	30
Ethyl Benzene	1.800	1.732		-3.78	30
m/p-Xylene	1.448	1.469		1.45	30
o-Xylene	1.452	1.454		0.14	30
Styrene	0.628	0.618		-1.59	30
Bromoform	0.437	0.449		2.75	30
1,1,2,2-Tetrachloroethane	0.909	0.940		3.41	30
2-Chlorotoluene	1.665	1.659		-0.36	30
1,3,5-Trimethylbenzene	1.422	1.520		6.89	30
1,2,4-Trimethylbenzene	1.529	1.672		9.35	30
1,3-Dichlorobenzene	0.975	0.976		0.1	30
1,4-Dichlorobenzene	0.963	0.971		0.83	30
1,2-Dichlorobenzene	0.938	0.927		-1.17	30
1,2,4-Trichlorobenzene	0.582	0.546		-6.19	30
Hexachloro-1,3-Butadiene	0.695	0.561		-19.28	30
1,3-Butadiene	0.766	0.702		-8.35	30
Naphthalene	1.065	1.182		10.99	30
4-Ethyltoluene	1.713	1.795		4.79	30
1-Bromo-4-Fluorobenzene	0.833	0.859		3.12	30
Hexane	1.374	1.190		-13.39	30
Allyl Chloride	1.055	0.980		-7.11	30
1,4-Dioxane	182.757	167.301		-8.46	30
Methyl Methacrylate	0.394	0.362		-8.12	30

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