

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4774 SAS No.: P4774 SDG No.: P4774

Instrument ID: MSVOA_N Calibration Date/Time: 11/11/2024 10:54

Lab File ID: VN084763.D Init. Calib. Date(s): 10/30/2024 10/30/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:46 13:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.952	0.548	0.1	-42.44	20
Vinyl Chloride	0.618	0.542		-12.3	20
Bromomethane	0.328	0.308		-6.1	20
Chloroethane	0.488	0.366		-25	20
Trichlorofluoromethane	1.018	0.982		-3.54	20
1,1,2-Trichlorotrifluoroethane	0.575	0.552		-4	20
1,1-Dichloroethene	0.569	0.521		-8.44	20
Acetone	0.238	0.254		6.72	20
Carbon Disulfide	1.753	1.378		-21.39	20
Methyl tert-butyl Ether	1.745	1.856		6.36	20
Methylene Chloride	0.635	0.615		-3.15	20
trans-1,2-Dichloroethene	0.585	0.553		-5.47	20
1,1-Dichloroethane	1.102	1.060	0.1	-3.81	20
2-Butanone	0.337	0.376		11.57	20
Carbon Tetrachloride	0.525	0.542		3.24	20
cis-1,2-Dichloroethene	0.683	0.672		-1.61	20
Chloroform	1.121	1.129		0.71	20
1,1,1-Trichloroethane	1.021	1.023		0.2	20
Methylcyclohexane	0.478	0.485		1.46	20
Benzene	1.507	1.478		-1.92	20
1,2-Dichloroethane	0.488	0.503		3.07	20
Trichloroethene	0.348	0.337		-3.16	20
1,2-Dichloropropane	0.354	0.362		2.26	20
Bromodichloromethane	0.526	0.565		7.41	20
4-Methyl-2-Pentanone	0.406	0.479		17.98	20
Toluene	0.882	0.921		4.42	20
t-1,3-Dichloropropene	0.544	0.543		-0.18	20
cis-1,3-Dichloropropene	0.576	0.584		1.39	20
1,1,2-Trichloroethane	0.332	0.355		6.93	20
2-Hexanone	0.296	0.354		19.59	20
Dibromochloromethane	0.378	0.437		15.61	20
Tetrachloroethene	0.333	0.338		1.5	20
Chlorobenzene	1.119	1.110	0.3	-0.8	20
Ethyl Benzene	1.867	1.951		4.5	20
m/p-Xylenes	0.707	0.762		7.78	20
o-Xylene	0.661	0.749		13.31	20
Styrene	1.154	1.272		10.23	20
Bromoform	0.293	0.344	0.1	17.41	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
Isopropylbenzene	3.504	3.590		2.45	20
1,1,2,2-Tetrachloroethane	1.170	1.149	0.3	-1.79	20
1,3-Dichlorobenzene	1.838	1.685		-8.32	20
1,4-Dichlorobenzene	1.937	1.671		-13.73	20
1,2-Dichlorobenzene	1.766	1.670		-5.44	20
1,2-Dichloroethane-d4	0.722	0.679		-5.96	20
Dibromofluoromethane	0.338	0.342		1.18	20
Toluene-d8	1.247	1.214		-2.65	20
4-Bromofluorobenzene	0.466	0.484		3.86	20

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