

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: P5306 SAS No.: P5306 SDG No.: P5306

Instrument ID: MSVOA_Y Calibration Date/Time: 12/23/2024 20:10

Lab File ID: VY020704.D Init. Calib. Date(s): 12/23/2024 12/23/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:30 13:24

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.385	0.378		-1.82	50
Chloromethane	0.157	0.153	0.1	-2.55	50
Vinyl Chloride	0.191	0.173		-9.42	50
Bromomethane	0.135	0.133		-1.48	50
Chloroethane	0.116	0.111		-4.31	50
Tetrahydrofuran	0.042	0.042		0	50
Trichlorofluoromethane	0.688	0.683		-0.73	50
1,1,2-Trichlorotrifluoroethane	0.376	0.363		-3.46	50
1,1-Dichloroethene	0.333	0.335		0.6	50
Acrylonitrile	0.061	0.062		1.64	50
Acetone	0.051	0.045		-11.77	50
Carbon Disulfide	0.831	0.864		3.97	50
Methyl tert-butyl Ether	0.907	0.938		3.42	50
Methylene Chloride	0.337	0.342		1.48	50
trans-1,2-Dichloroethene	0.360	0.369		2.5	50
1,1-Dichloroethane	0.596	0.620	0.1	4.03	50
2-Butanone	0.071	0.069		-2.82	50
Carbon Tetrachloride	0.577	0.584		1.21	50
2,2-Dichloropropane	0.746	0.720		-3.48	50
cis-1,2-Dichloroethene	0.428	0.441		3.04	50
Chloroform	0.783	0.783		0	50
1,1,1-Trichloroethane	0.818	0.825		0.86	50
1,1-Dichloropropene	0.357	0.359		0.56	50
Benzene	1.030	1.069		3.79	50
1,2-Dichloroethane	0.327	0.338		3.36	50
Trichloroethene	0.306	0.306		0	50
1,2-Dichloropropane	0.202	0.208		2.97	50
Dibromomethane	0.140	0.150		7.14	50
Bromodichloromethane	0.396	0.410		3.54	50
4-Methyl-2-Pentanone	0.121	0.121		0	50
Toluene	0.701	0.736		4.99	50
t-1,3-Dichloropropene	0.351	0.365		3.99	50
cis-1,3-Dichloropropene	0.386	0.400		3.63	50
1,1,2-Trichloroethane	0.181	0.187		3.32	50
1,3-Dichloropropane	0.296	0.310		4.73	50
2-Hexanone	0.077	0.081		5.2	50
Dibromochloromethane	0.289	0.308		6.57	50
1,2-Dibromoethane	0.170	0.174		2.35	50

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
Tetrachloroethene	0.332	0.336		1.21	50
Chlorobenzene	0.934	0.961	0.3	2.89	50
1,1,1,2-Tetrachloroethane	0.365	0.374		2.47	50
Ethyl Benzene	1.676	1.695		1.13	50
m/p-Xylenes	0.639	0.651		1.88	50
o-Xylene	0.600	0.622		3.67	50
Styrene	1.010	1.058		4.75	50
Bromoform	0.209	0.212	0.1	1.43	50
Isopropylbenzene	3.401	3.306		-2.79	50
1,1,2,2-Tetrachloroethane	0.438	0.415	0.3	-5.25	50
1,2,3-Trichloropropane	0.345	0.321		-6.96	50
Bromobenzene	0.774	0.771		-0.39	50
n-propylbenzene	3.834	3.736		-2.56	50
2-Chlorotoluene	2.183	2.135		-2.2	50
1,3,5-Trimethylbenzene	2.821	2.812		-0.32	50
4-Chlorotoluene	2.226	2.215		-0.49	50
tert-Butylbenzene	2.625	2.577		-1.83	50
1,2,4-Trimethylbenzene	2.756	2.736		-0.73	50
sec-Butylbenzene	3.534	3.496		-1.08	50
p-Isopropyltoluene	3.090	3.122		1.04	50
1,3-Dichlorobenzene	1.504	1.506		0.13	50
1,4-Dichlorobenzene	1.474	1.485		0.75	50
n-Butylbenzene	2.603	2.638		1.35	50
1,2-Dichlorobenzene	1.291	1.296		0.39	50
1,2-Dibromo-3-Chloropropane	0.083	0.081		-2.41	50
1,2,4-Trichlorobenzene	0.767	0.851		10.95	50
Hexachlorobutadiene	0.571	0.597		4.55	50
1,2,3-Trichlorobenzene	0.641	0.691		7.8	50
1,2-Dichloroethane-d4	0.443	0.456		2.93	50
Dibromofluoromethane	0.294	0.290		-1.36	50
Toluene-d8	1.066	1.125		5.53	50
4-Bromofluorobenzene	0.388	0.387		-0.26	50
trans-1,4-Dichloro-2-butene	0.159	0.158		-0.63	50

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