

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: 12/20/2024 19:35

Lab File ID: VY020682.D Init. Calib. Date(s): 12/17/2024 12/17/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:01 14:51

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.625	0.568		-9.12	50
Chloromethane	0.463	0.410	0.1	-11.45	50
Vinyl Chloride	0.431	0.262		-39.21	50
Bromomethane	0.277	0.190		-31.41	50
Chloroethane	0.266	0.166		-37.59	50
Tetrahydrofuran	0.128	0.138		7.81	50
Trichlorofluoromethane	0.901	0.677		-24.86	50
1,1,2-Trichlorotrifluoroethane	0.646	0.506		-21.67	50
1,1-Dichloroethene	0.627	0.500		-20.25	50
Acrylonitrile	0.151	0.159		5.3	50
Acetone	0.125	0.087		-30.4	50
Carbon Disulfide	2.040	1.675		-17.89	50
Methyl tert-butyl Ether	1.618	1.685		4.14	50
Methylene Chloride	0.681	0.659		-3.23	50
trans-1,2-Dichloroethene	0.703	0.713		1.42	50
1,1-Dichloroethane	1.306	1.366	0.1	4.59	50
2-Butanone	0.204	0.202		-0.98	50
Carbon Tetrachloride	0.711	0.692		-2.67	50
2,2-Dichloropropane	1.235	1.127		-8.74	50
cis-1,2-Dichloroethene	0.809	0.836		3.34	50
Chloroform	1.528	1.423		-6.87	50
1,1,1-Trichloroethane	1.200	1.204		0.33	50
1,1-Dichloropropene	0.643	0.626		-2.64	50
Benzene	1.883	1.905		1.17	50
1,2-Dichloroethane	0.500	0.515		3	50
Trichloroethene	0.463	0.463		0	50
1,2-Dichloropropane	0.440	0.457		3.86	50
Dibromomethane	0.233	0.245		5.15	50
Bromodichloromethane	0.628	0.662		5.41	50
4-Methyl-2-Pentanone	0.302	0.308		1.99	50
Toluene	1.170	1.198		2.39	50
t-1,3-Dichloropropene	0.586	0.609		3.92	50
cis-1,3-Dichloropropene	0.694	0.716		3.17	50
1,1,2-Trichloroethane	0.308	0.321		4.22	50
1,3-Dichloropropane	0.548	0.576		5.11	50
2-Hexanone	0.194	0.206		6.19	50
Dibromochloromethane	0.411	0.438		6.57	50
1,2-Dibromoethane	0.286	0.299		4.55	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	0.470	0.443		-5.74	50
Chlorobenzene	1.398	1.409	0.3	0.79	50
1,1,1,2-Tetrachloroethane	0.478	0.489		2.3	50
Ethyl Benzene	2.579	2.542		-1.43	50
m/p-Xylenes	0.959	0.944		-1.56	50
o-Xylene	0.895	0.891		-0.45	50
Styrene	1.495	1.505		0.67	50
Bromoform	0.269	0.279	0.1	3.72	50
Isopropylbenzene	4.363	4.137		-5.18	50
1,1,2,2-Tetrachloroethane	0.708	0.725	0.3	2.4	50
1,2,3-Trichloropropane	0.519	0.532		2.51	50
Bromobenzene	0.950	0.943		-0.74	50
n-propylbenzene	5.257	4.958		-5.69	50
2-Chlorotoluene	2.958	2.857		-3.41	50
1,3,5-Trimethylbenzene	3.540	3.377		-4.61	50
4-Chlorotoluene	3.068	2.936		-4.3	50
tert-Butylbenzene	3.206	3.020		-5.8	50
1,2,4-Trimethylbenzene	3.473	3.335		-3.97	50
sec-Butylbenzene	4.662	4.327		-7.19	50
p-Isopropyltoluene	3.844	3.639		-5.33	50
1,3-Dichlorobenzene	1.876	1.803		-3.89	50
1,4-Dichlorobenzene	1.858	1.784		-3.98	50
n-Butylbenzene	3.643	3.417		-6.2	50
1,2-Dichlorobenzene	1.626	1.586		-2.46	50
1,2-Dibromo-3-Chloropropane	0.115	0.109		-5.22	50
1,2,4-Trichlorobenzene	0.983	0.941		-4.27	50
Hexachlorobutadiene	0.643	0.621		-3.42	50
1,2,3-Trichlorobenzene	0.831	0.813		-2.17	50
1,2-Dichloroethane-d4	0.548	0.472		-13.87	50
Dibromofluoromethane	0.352	0.311		-11.65	50
Toluene-d8	1.233	1.049		-14.92	50
4-Bromofluorobenzene	0.482	0.406		-15.77	50
trans-1,4-Dichloro-2-butene	0.247	0.247		0	50

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