

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: 12/19/2024 09:43

Lab File ID: VY020645.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	0.650		4	20
Chloromethane	0.463	0.437	0.1	-5.62	20
Vinyl Chloride	0.431	0.419		-2.78	20
Bromomethane	0.277	0.258		-6.86	20
Chloroethane	0.266	0.249		-6.39	20
Tetrahydrofuran	0.128	0.139		8.59	20
Trichlorofluoromethane	0.901	0.911		1.11	20
1,1,2-Trichlorotrifluoroethane	0.646	0.719		11.3	20
1,1-Dichloroethene	0.627	0.679		8.29	20
Acrylonitrile	0.151	0.166		9.93	20
Acetone	0.125	0.109		-12.8	20
Carbon Disulfide	2.040	2.219		8.77	20
Methyl tert-butyl Ether	1.618	1.822		12.61	20
Methylene Chloride	0.681	0.704		3.38	20
trans-1,2-Dichloroethene	0.703	0.787		11.95	20
1,1-Dichloroethane	1.306	1.447	0.1	10.8	20
2-Butanone	0.204	0.205		0.49	20
Carbon Tetrachloride	0.711	0.819		15.19	20
2,2-Dichloropropane	1.235	1.286		4.13	20
cis-1,2-Dichloroethene	0.809	0.896		10.75	20
Chloroform	1.528	1.419		-7.13	20
1,1,1-Trichloroethane	1.200	1.332		11	20
1,1-Dichloropropene	0.643	0.731		13.69	20
Benzene	1.883	2.108		11.95	20
1,2-Dichloroethane	0.500	0.547		9.4	20
Trichloroethene	0.463	0.532		14.9	20
1,2-Dichloropropane	0.440	0.491		11.59	20
Dibromomethane	0.233	0.260		11.59	20
Bromodichloromethane	0.628	0.704		12.1	20
4-Methyl-2-Pentanone	0.302	0.326		7.95	20
Toluene	1.170	1.319		12.73	20
t-1,3-Dichloropropene	0.586	0.671		14.51	20
cis-1,3-Dichloropropene	0.694	0.782		12.68	20
1,1,2-Trichloroethane	0.308	0.351		13.96	20
1,3-Dichloropropane	0.548	0.623		13.69	20
2-Hexanone	0.194	0.215		10.82	20
Dibromochloromethane	0.411	0.472		14.84	20
1,2-Dibromoethane	0.286	0.325		13.64	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
Tetrachloroethene	0.470	0.538		14.47	20
Chlorobenzene	1.398	1.604	0.3	14.73	20
1,1,1,2-Tetrachloroethane	0.478	0.552		15.48	20
Ethyl Benzene	2.579	2.931		13.65	20
m/p-Xylenes	0.959	1.097		14.39	20
o-Xylene	0.895	1.028		14.86	20
Styrene	1.495	1.735		16.05	20
Bromoform	0.269	0.315	0.1	17.1	20
Isopropylbenzene	4.363	5.035		15.4	20
1,1,2,2-Tetrachloroethane	0.708	0.834	0.3	17.8	20
1,2,3-Trichloropropane	0.519	0.608		17.15	20
Bromobenzene	0.950	1.097		15.47	20
n-propylbenzene	5.257	5.978		13.72	20
2-Chlorotoluene	2.958	3.387		14.5	20
1,3,5-Trimethylbenzene	3.540	4.016		13.45	20
4-Chlorotoluene	3.068	3.467		13.01	20
tert-Butylbenzene	3.206	3.659		14.13	20
1,2,4-Trimethylbenzene	3.473	3.967		14.22	20
sec-Butylbenzene	4.662	5.229		12.16	20
p-Isopropyltoluene	3.844	4.382		14	20
1,3-Dichlorobenzene	1.876	2.129		13.49	20
1,4-Dichlorobenzene	1.858	2.072		11.52	20
n-Butylbenzene	3.643	4.102		12.6	20
1,2-Dichlorobenzene	1.626	1.833		12.73	20
1,2-Dibromo-3-Chloropropane	0.115	0.129		12.17	20
1,2,4-Trichlorobenzene	0.983	1.105		12.41	20
Hexachlorobutadiene	0.643	0.713		10.89	20
1,2,3-Trichlorobenzene	0.831	0.934		12.4	20
1,2-Dichloroethane-d4	0.548	0.573		4.56	20
Dibromofluoromethane	0.352	0.398		13.07	20
Toluene-d8	1.233	1.381		12	20
4-Bromofluorobenzene	0.482	0.516		7.05	20
trans-1,4-Dichloro-2-butene	0.247	0.309		25.1	20

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