

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ALLI03

Lab Code: CHEM Case No.: Q1502 SAS No.: Q1502 SDG No.: Q1502

Instrument ID: MSVOA_X Calibration Date/Time: 03/19/2025 14:56

Lab File ID: VX045345.D Init. Calib. Date(s): 02/21/2025 02/21/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:58 11:29

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	2.529	2.533		0.16	50
Chloromethane	3.029	2.777		-8.32	50
Vinyl Chloride	2.923	2.435	0.1	-16.69	50
Ethyl Acetate	0.598	0.643		7.53	50
Bromomethane	1.017	1.184	0.1	16.42	50
Chloroethane	1.583	1.392		-12.07	50
Trichlorofluoromethane	3.928	3.732		-4.99	50
1,1,2-Trichlorotrifluoroethane	2.333	2.365		1.37	50
1,1-Dichloroethene	2.279	2.248	0.1	-1.36	50
Acrolein	0.530	0.543		2.45	50
Acrylonitrile	1.293	1.464		13.23	50
Acetone	0.355	0.372		4.79	50
Carbon Disulfide	6.464	5.157		-20.22	50
Methyl tert-Butyl Ether	7.438	7.700		3.52	50
Methylene Chloride	2.563	2.592		1.13	50
trans-1,2-Dichloroethene	2.306	2.280		-1.13	50
Vinyl Acetate	1.237	1.227		-0.81	50
1,1-Dichloroethane	4.555	4.727	0.2	3.78	50
2-Butanone	0.319	0.378		18.5	50
Carbon Tetrachloride	0.564	0.603	0.1	6.91	50
2,2-Dichloropropane	0.624	0.579		-7.21	50
cis-1,2-Dichloroethene	2.763	2.773		0.36	50
Chloroform	4.400	4.692	0.2	6.64	50
1,1,1-Trichloroethane	0.669	0.706	0.1	5.53	50
1,1-Dichloropropene	0.552	0.541		-1.99	50
Benzene	1.731	1.782	0.5	2.95	50
1,2-Dichloroethane	0.592	0.698	0.1	17.91	50
Trichloroethene	0.405	0.409	0.3	0.99	50
1,2-Dichloropropane	0.430	0.451		4.88	50
Dibromomethane	0.309	0.334		8.09	50
Bromodichloromethane	0.614	0.650	0.2	5.86	50
4-Methyl-2-Pentanone	0.682	0.815		19.5	50
Toluene	1.987	2.007	0.4	1.01	50
t-1,3-Dichloropropene	0.591	0.569	0.1	-3.72	50
cis-1,3-Dichloropropene	0.670	0.663	0.2	-1.04	50
1,1,2-Trichloroethane	0.403	0.437	0.1	8.44	50
1,3-Dichloropropane	0.706	0.770		9.06	50
2-Chloroethyl vinyl ether	0.325	0.317		-2.46	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	RRF020	MIN RRF	%D	MAX%D
2-Hexanone	0.493	0.602		22.11	50
Dibromochloromethane	0.445	0.466	0.1	4.72	50
1,2-Dibromoethane	0.409	0.438		7.09	50
Tetrachloroethene	0.369	0.382	0.2	3.52	50
Chlorobenzene	1.231	1.253	0.5	1.79	50
1,1,1,2-Tetrachloroethane	0.406	0.417		2.71	50
Ethyl Benzene	2.176	2.194	0.1	0.83	50
m/p-Xylenes	0.811	0.815	0.3	0.49	50
o-Xylene	0.795	0.809	0.3	1.76	50
Styrene	1.328	1.355	0.3	2.03	50
Bromoform	0.279	0.302	0.1	8.24	50
Isopropylbenzene	2.053	2.148		4.63	50
1,1,2,2-Tetrachloroethane	0.675	0.757	0.3	12.15	50
1,2,3-Trichloropropane	0.555	0.635		14.41	50
Bromobenzene	0.473	0.493		4.23	50
n-propylbenzene	2.443	2.527		3.44	50
2-Chlorotoluene	1.477	1.531		3.66	50
1,3,5-Trimethylbenzene	1.693	1.783		5.32	50
4-Chlorotoluene	1.646	1.714		4.13	50
1,2,4-Trimethylbenzene	1.696	1.757		3.6	50
sec-Butylbenzene	2.141	2.237		4.48	50
p-Isopropyltoluene	1.735	1.817		4.73	50
1,3-Dichlorobenzene	0.879	0.899	0.2	2.28	50
1,4-Dichlorobenzene	0.867	0.895	0.2	3.23	50
n-Butylbenzene	1.584	1.633		3.09	50
1,2-Dichlorobenzene	0.863	0.921	0.2	6.72	50
1,2-Dibromo-3-Chloropropane	0.131	0.152		16.03	50
1,2,4-Trichlorobenzene	0.523	0.511	0.2	-2.29	50
Hexachlorobutadiene	0.213	0.228		7.04	50
Naphthalene	1.843	1.924		4.39	50
1,2,3-Trichlorobenzene	0.538	0.520		-3.35	50
1,2-Dichloroethane-d4	2.914	3.263	0.01	11.98	50
Toluene-d8	1.660	1.655	0.01	-0.3	50
4-Bromofluorobenzene	0.561	0.576	0.2	2.67	50

All other compounds must meet a minimum RRF of 0.010.
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