

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: GARD04

Lab Code: ACE

SDG No.: Q3689

Instrument ID: MSVOA_X

Calibration Date/Time: 11/20/2025 08:51

Lab File ID: VX048623.D

Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.422		4.2	20
Chloromethane	0.537	0.565	0.1	5.21	20
Vinyl Chloride	0.608	0.648		6.58	20
Bromomethane	0.384	0.405		5.47	20
Chloroethane	0.398	0.390		-2.01	20
Trichlorofluoromethane	0.963	0.974		1.14	20
1,1,2-Trichlorotrifluoroethane	0.557	0.633		13.65	20
1,1-Dichloroethene	0.582	0.611		4.98	20
Acetone	0.330	0.299		-9.39	20
Carbon Disulfide	1.638	1.306		-20.27	20
Methyl tert-butyl Ether	2.055	2.015		-1.95	20
Methyl Acetate	0.906	0.883		-2.54	20
Methylene Chloride	0.678	0.598		-11.8	20
trans-1,2-Dichloroethene	0.617	0.546		-11.51	20
1,1-Dichloroethane	1.142	1.056	0.1	-7.53	20
Cyclohexane	0.936	0.908		-2.99	20
2-Butanone	0.488	0.448		-8.4	20
Carbon Tetrachloride	0.577	0.570		-1.21	20
cis-1,2-Dichloroethene	0.754	0.658		-12.73	20
Bromochloromethane	0.561	0.491		-12.48	20
Chloroform	1.179	1.201		1.87	20
1,1,1-Trichloroethane	1.029	1.045		1.55	20
Methylcyclohexane	0.569	0.609		7.03	20
Benzene	1.571	1.555		-1.02	20
1,2-Dichloroethane	0.538	0.552		2.6	20
Trichloroethene	0.375	0.403		7.47	20
1,2-Dichloropropane	0.361	0.397		9.97	20
Bromodichloromethane	0.526	0.583		10.84	20
4-Methyl-2-Pentanone	0.571	0.615		7.71	20
Toluene	0.827	0.892		7.86	20
t-1,3-Dichloropropene	0.541	0.575		6.28	20
cis-1,3-Dichloropropene	0.561	0.616		9.8	20
1,1,2-Trichloroethane	0.330	0.370		12.12	20
2-Hexanone	0.425	0.450		5.88	20
Dibromochloromethane	0.406	0.456		12.31	20
1,2-Dibromoethane	0.358	0.384		7.26	20
Tetrachloroethene	0.363	0.382		5.23	20
Chlorobenzene	1.187	1.242	0.3	4.63	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
Ethyl Benzene	1.993	2.094		5.07	20
m/p-Xylenes	0.751	0.803		6.92	20
o-Xylene	0.734	0.780		6.27	20
Styrene	1.232	1.339		8.69	20
Bromoform	0.367	0.409	0.1	11.44	20
Isopropylbenzene	3.629	3.911		7.77	20
1,1,2,2-Tetrachloroethane	1.280	1.350	0.3	5.47	20
1,3-Dichlorobenzene	1.756	1.855		5.64	20
1,4-Dichlorobenzene	1.814	1.882		3.75	20
1,2-Dichlorobenzene	1.686	1.785		5.87	20
1,2-Dibromo-3-Chloropropane	0.297	0.315		6.06	20
1,2,4-Trichlorobenzene	1.120	1.225		9.38	20
1,2,3-Trichlorobenzene	1.042	1.130		8.44	20
1,2-Dichloroethane-d4	0.697	0.604		-13.34	20
Dibromofluoromethane	0.378	0.320		-15.34	20
Toluene-d8	1.180	1.011		-14.32	20
4-Bromofluorobenzene	0.440	0.381		-13.41	20

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