

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: GARD04

Lab Code: ACE

SDG No.: Q2790

Instrument ID: MSVOA_X

Calibration Date/Time: 08/07/2025 10:15

Lab File ID: VX047251.D

Init. Calib. Date(s): 07/21/2025 07/21/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 09:47 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.856		28.92	20
Chloromethane	0.657	0.720	0.1	9.59	20
Vinyl Chloride	0.706	0.878		24.36	20
Bromomethane	0.384	0.386		0.52	20
Chloroethane	0.464	0.481		3.66	20
Trichlorofluoromethane	1.053	1.244		18.14	20
1,1,2-Trichlorotrifluoroethane	0.634	0.718		13.25	20
1,1-Dichloroethene	0.628	0.717		14.17	20
Acetone	0.250	0.291		16.4	20
Carbon Disulfide	1.818	2.019		11.06	20
Methyl tert-butyl Ether	1.912	2.101		9.89	20
Methyl Acetate	0.663	0.726		9.5	20
Methylene Chloride	0.686	0.742		8.16	20
trans-1,2-Dichloroethene	0.643	0.723		12.44	20
1,1-Dichloroethane	1.214	1.323	0.1	8.98	20
Cyclohexane	1.164	1.224		5.16	20
2-Butanone	0.363	0.380		4.68	20
Carbon Tetrachloride	0.562	0.601		6.94	20
cis-1,2-Dichloroethene	0.761	0.812		6.7	20
Bromochloromethane	0.559	0.553		-1.07	20
Chloroform	1.236	1.320		6.8	20
1,1,1-Trichloroethane	1.074	1.151		7.17	20
Methylcyclohexane	0.657	0.699		6.39	20
Benzene	1.523	1.643		7.88	20
1,2-Dichloroethane	0.536	0.576		7.46	20
Trichloroethene	0.391	0.413		5.63	20
1,2-Dichloropropane	0.381	0.407		6.82	20
Bromodichloromethane	0.569	0.607		6.68	20
4-Methyl-2-Pentanone	0.449	0.459		2.23	20
Toluene	0.936	1.010		7.91	20
t-1,3-Dichloropropene	0.538	0.576		7.06	20
cis-1,3-Dichloropropene	0.588	0.639		8.67	20
1,1,2-Trichloroethane	0.351	0.371		5.7	20
2-Hexanone	0.297	0.312		5.05	20
Dibromochloromethane	0.412	0.434		5.34	20
1,2-Dibromoethane	0.367	0.379		3.27	20
Tetrachloroethene	0.360	0.389		8.06	20
Chlorobenzene	1.171	1.263	0.3	7.86	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	2.048	2.228		8.79	20
m/p-Xylenes	0.766	0.834		8.88	20
o-Xylene	0.729	0.805		10.43	20
Styrene	1.250	1.389		11.12	20
Bromoform	0.300	0.318	0.1	6	20
Isopropylbenzene	3.945	4.376		10.93	20
1,1,2,2-Tetrachloroethane	1.127	1.199	0.3	6.39	20
1,3-Dichlorobenzene	1.798	1.892		5.23	20
1,4-Dichlorobenzene	1.821	1.924		5.66	20
1,2-Dichlorobenzene	1.718	1.815		5.65	20
1,2-Dibromo-3-Chloropropane	0.216	0.228		5.56	20
1,2,4-Trichlorobenzene	1.135	1.177		3.7	20
1,2,3-Trichlorobenzene	1.094	1.139		4.11	20
1,2-Dichloroethane-d4	0.623	0.561		-9.95	20
Dibromofluoromethane	0.309	0.295		-4.53	20
Toluene-d8	1.000	0.849		-15.1	20
4-Bromofluorobenzene	0.431	0.393		-8.82	20

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