

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG No.: Q3434

Instrument ID: MSVOA_V

Calibration Date/Time: 11/04/2025 11:21

Lab File ID: VV039306.D

Init. Calib. Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 09:40 11:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.632	0.498		-21.2	20
Chloromethane	0.658	0.594	0.1	-9.73	20
Vinyl Chloride	0.751	0.624		-16.91	20
Bromomethane	0.487	0.490		0.62	20
Chloroethane	0.507	0.437		-13.81	20
Trichlorofluoromethane	1.147	0.984		-14.21	20
1,1,2-Trichlorotrifluoroethane	0.687	0.591		-13.97	20
1,1-Dichloroethene	0.674	0.567		-15.88	20
Acetone	0.404	0.369		-8.66	20
Carbon Disulfide	1.904	1.632		-14.29	20
Methyl tert-butyl Ether	2.029	2.267		11.73	20
Methyl Acetate	0.921	0.845		-8.25	20
Methylene Chloride	0.788	0.762		-3.3	20
trans-1,2-Dichloroethene	0.710	0.645		-9.15	20
1,1-Dichloroethane	1.286	1.215	0.1	-5.52	20
Cyclohexane	0.936	0.854		-8.76	20
2-Butanone	0.434	0.460		5.99	20
Carbon Tetrachloride	0.603	0.558		-7.46	20
cis-1,2-Dichloroethene	0.711	0.763		7.31	20
Bromochloromethane	0.548	0.607		10.77	20
Chloroform	1.311	1.296		-1.14	20
1,1,1-Trichloroethane	1.146	1.034		-9.77	20
Methylcyclohexane	0.566	0.515		-9.01	20
Benzene	1.588	1.614		1.64	20
1,2-Dichloroethane	0.557	0.580		4.13	20
Trichloroethene	0.399	0.389		-2.51	20
1,2-Dichloropropane	0.386	0.424		9.85	20
Bromodichloromethane	0.636	0.666		4.72	20
4-Methyl-2-Pentanone	0.526	0.599		13.88	20
Toluene	0.959	1.020		6.36	20
t-1,3-Dichloropropene	0.556	0.647		16.37	20
cis-1,3-Dichloropropene	0.618	0.707		14.4	20
1,1,2-Trichloroethane	0.433	0.465		7.39	20
2-Hexanone	0.386	0.441		14.25	20
Dibromochloromethane	0.506	0.551		8.89	20
1,2-Dibromoethane	0.451	0.501		11.09	20
Tetrachloroethene	0.365	0.343		-6.03	20
Chlorobenzene	1.184	1.160	0.3	-2.03	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	1.744	1.818		4.24	20
m/p-Xylenes	0.692	0.759		9.68	20
o-Xylene	0.611	0.685		12.11	20
Styrene	1.087	1.291		18.77	20
Bromoform	0.359	0.392	0.1	9.19	20
Isopropylbenzene	3.036	3.218		5.99	20
1,1,2,2-Tetrachloroethane	1.394	1.328	0.3	-4.74	20
1,3-Dichlorobenzene	1.665	1.693		1.68	20
1,4-Dichlorobenzene	1.863	1.758		-5.64	20
1,2-Dichlorobenzene	1.584	1.613		1.83	20
1,2-Dibromo-3-Chloropropane	0.287	0.266		-7.32	20
1,2,4-Trichlorobenzene	0.883	0.929		5.21	20
1,2,3-Trichlorobenzene	0.918	0.977		6.43	20
1,2-Dichloroethane-d4	0.710	0.797		12.25	20
Dibromofluoromethane	0.394	0.423		7.36	20
Toluene-d8	1.340	1.413		5.45	20
4-Bromofluorobenzene	0.477	0.528		10.69	20

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