

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO15</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3193</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/30/2025 19:30</u>
Lab File ID:	<u>VX047923.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.582		12.35	50
Chloromethane	0.680	0.702	0.1	3.23	50
Vinyl Chloride	0.666	0.724		8.71	50
Bromomethane	0.422	0.460		9.01	50
Chloroethane	0.445	0.493		10.79	50
Trichlorofluoromethane	0.989	1.079		9.1	50
1,1,2-Trichlorotrifluoroethane	0.578	0.633		9.52	50
1,1-Dichloroethene	0.594	0.646		8.75	50
Acetone	0.346	0.315		-8.96	50
Carbon Disulfide	1.626	1.655		1.78	50
Methyl tert-butyl Ether	2.169	2.399		10.6	50
Methyl Acetate	0.770	1.002		30.13	50
Methylene Chloride	0.732	0.814		11.2	50
trans-1,2-Dichloroethene	0.640	0.698		9.06	50
1,1-Dichloroethane	1.263	1.405	0.1	11.24	50
Cyclohexane	1.052	1.031		-2	50
2-Butanone	0.432	0.482		11.57	50
Carbon Tetrachloride	0.532	0.541		1.69	50
cis-1,2-Dichloroethene	0.783	0.858		9.58	50
Bromochloromethane	0.551	0.591		7.26	50
Chloroform	1.276	1.447		13.4	50
1,1,1-Trichloroethane	1.082	1.173		8.41	50
Methylcyclohexane	0.556	0.532		-4.32	50
Benzene	1.488	1.614		8.47	50
1,2-Dichloroethane	0.566	0.612		8.13	50
Trichloroethene	0.360	0.387		7.5	50
1,2-Dichloropropane	0.381	0.430		12.86	50
Bromodichloromethane	0.572	0.640		11.89	50
4-Methyl-2-Pentanone	0.477	0.570		19.5	50
Toluene	0.917	0.985		7.41	50
t-1,3-Dichloropropene	0.584	0.607		3.94	50
cis-1,3-Dichloropropene	0.624	0.661		5.93	50
1,1,2-Trichloroethane	0.354	0.403		13.84	50
2-Hexanone	0.343	0.395		15.16	50
Dibromochloromethane	0.407	0.472		15.97	50
1,2-Dibromoethane	0.360	0.422		17.22	50
Tetrachloroethene	0.326	0.331		1.53	50
Chlorobenzene	1.136	1.178	0.3	3.7	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	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.014		2.76	50
m/p-Xylenes	0.729	0.760		4.25	50
o-Xylene	0.706	0.734		3.97	50
Styrene	1.236	1.311		6.07	50
Bromoform	0.293	0.335	0.1	14.33	50
Isopropylbenzene	3.801	3.761		-1.05	50
1,1,2,2-Tetrachloroethane	1.150	1.256	0.3	9.22	50
1,3-Dichlorobenzene	1.739	1.732		-0.4	50
1,4-Dichlorobenzene	1.785	1.749		-2.02	50
1,2-Dichlorobenzene	1.657	1.688		1.87	50
1,2-Dibromo-3-Chloropropane	0.233	0.244		4.72	50
1,2,4-Trichlorobenzene	1.077	1.022		-5.11	50
1,2,3-Trichlorobenzene	1.002	0.979		-2.3	50
1,2-Dichloroethane-d4	0.796	0.844		6.03	50
Dibromofluoromethane	0.335	0.363		8.36	50
Toluene-d8	1.160	1.231		6.12	50
4-Bromofluorobenzene	0.440	0.471		7.05	50

All other compounds must meet a minimum RRF of 0.010.
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