

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO15</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3156</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/26/2025 09:28</u>
Lab File ID:	<u>VX047846.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	0.606		16.99	50
Chloromethane	0.680	0.741	0.1	8.97	50
Vinyl Chloride	0.666	0.758		13.81	50
Bromomethane	0.422	0.484		14.69	50
Chloroethane	0.445	0.501		12.58	50
Trichlorofluoromethane	0.989	1.077		8.9	50
1,1,2-Trichlorotrifluoroethane	0.578	0.638		10.38	50
1,1-Dichloroethene	0.594	0.672		13.13	50
Acetone	0.346	0.348		0.58	50
Carbon Disulfide	1.626	1.770		8.86	50
Methyl tert-butyl Ether	2.169	2.523		16.32	50
Methyl Acetate	0.770	1.045		35.71	50
Methylene Chloride	0.732	0.842		15.03	50
trans-1,2-Dichloroethene	0.640	0.723		12.97	50
1,1-Dichloroethane	1.263	1.439	0.1	13.94	50
Cyclohexane	1.052	1.095		4.09	50
2-Butanone	0.432	0.519		20.14	50
Carbon Tetrachloride	0.532	0.548		3.01	50
cis-1,2-Dichloroethene	0.783	0.895		14.3	50
Bromochloromethane	0.551	0.605		9.8	50
Chloroform	1.276	1.490		16.77	50
1,1,1-Trichloroethane	1.082	1.212		12.02	50
Methylcyclohexane	0.556	0.546		-1.8	50
Benzene	1.488	1.635		9.88	50
1,2-Dichloroethane	0.566	0.617		9.01	50
Trichloroethene	0.360	0.393		9.17	50
1,2-Dichloropropane	0.381	0.434		13.91	50
Bromodichloromethane	0.572	0.648		13.29	50
4-Methyl-2-Pentanone	0.477	0.597		25.16	50
Toluene	0.917	1.016		10.8	50
t-1,3-Dichloropropene	0.584	0.586		0.34	50
cis-1,3-Dichloropropene	0.624	0.630		0.96	50
1,1,2-Trichloroethane	0.354	0.418		18.08	50
2-Hexanone	0.343	0.416		21.28	50
Dibromochloromethane	0.407	0.487		19.66	50
1,2-Dibromoethane	0.360	0.431		19.72	50
Tetrachloroethene	0.326	0.356		9.2	50
Chlorobenzene	1.136	1.232	0.3	8.45	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	2.082		6.22	50
m/p-Xylenes	0.729	0.787		7.96	50
o-Xylene	0.706	0.772		9.35	50
Styrene	1.236	1.375		11.25	50
Bromoform	0.293	0.341	0.1	16.38	50
Isopropylbenzene	3.801	3.894		2.45	50
1,1,2,2-Tetrachloroethane	1.150	1.325	0.3	15.22	50
1,3-Dichlorobenzene	1.739	1.838		5.69	50
1,4-Dichlorobenzene	1.785	1.846		3.42	50
1,2-Dichlorobenzene	1.657	1.794		8.27	50
1,2-Dibromo-3-Chloropropane	0.233	0.266		14.16	50
1,2,4-Trichlorobenzene	1.077	1.131		5.01	50
1,2,3-Trichlorobenzene	1.002	1.103		10.08	50
1,2-Dichloroethane-d4	0.796	0.855		7.41	50
Dibromofluoromethane	0.335	0.359		7.16	50
Toluene-d8	1.160	1.223		5.43	50
4-Bromofluorobenzene	0.440	0.470		6.82	50

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