

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO15</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3127</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/25/2025 19:09</u>
Lab File ID:	<u>VX047823.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	0.570		10.04	50
Chloromethane	0.680	0.706	0.1	3.82	50
Vinyl Chloride	0.666	0.715		7.36	50
Bromomethane	0.422	0.476		12.8	50
Chloroethane	0.445	0.468		5.17	50
Trichlorofluoromethane	0.989	1.012		2.33	50
1,1,2-Trichlorotrifluoroethane	0.578	0.582		0.69	50
1,1-Dichloroethene	0.594	0.611		2.86	50
Acetone	0.346	0.295		-14.74	50
Carbon Disulfide	1.626	1.666		2.46	50
Methyl tert-butyl Ether	2.169	2.267		4.52	50
Methyl Acetate	0.770	0.897		16.49	50
Methylene Chloride	0.732	0.760		3.83	50
trans-1,2-Dichloroethene	0.640	0.669		4.53	50
1,1-Dichloroethane	1.263	1.314	0.1	4.04	50
Cyclohexane	1.052	1.017		-3.33	50
2-Butanone	0.432	0.457		5.79	50
Carbon Tetrachloride	0.532	0.519		-2.44	50
cis-1,2-Dichloroethene	0.783	0.823		5.11	50
Bromochloromethane	0.551	0.605		9.8	50
Chloroform	1.276	1.355		6.19	50
1,1,1-Trichloroethane	1.082	1.111		2.68	50
Methylcyclohexane	0.556	0.527		-5.22	50
Benzene	1.488	1.537		3.29	50
1,2-Dichloroethane	0.566	0.566		0	50
Trichloroethene	0.360	0.370		2.78	50
1,2-Dichloropropane	0.381	0.403		5.77	50
Bromodichloromethane	0.572	0.597		4.37	50
4-Methyl-2-Pentanone	0.477	0.541		13.42	50
Toluene	0.917	0.955		4.14	50
t-1,3-Dichloropropene	0.584	0.574		-1.71	50
cis-1,3-Dichloropropene	0.624	0.627		0.48	50
1,1,2-Trichloroethane	0.354	0.385		8.76	50
2-Hexanone	0.343	0.377		9.91	50
Dibromochloromethane	0.407	0.444		9.09	50
1,2-Dibromoethane	0.360	0.402		11.67	50
Tetrachloroethene	0.326	0.327		0.31	50
Chlorobenzene	1.136	1.165	0.3	2.55	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	1.999		1.99	50
m/p-Xylenes	0.729	0.748		2.61	50
o-Xylene	0.706	0.733		3.82	50
Styrene	1.236	1.280		3.56	50
Bromoform	0.293	0.319	0.1	8.87	50
Isopropylbenzene	3.801	3.759		-1.11	50
1,1,2,2-Tetrachloroethane	1.150	1.240	0.3	7.83	50
1,3-Dichlorobenzene	1.739	1.729		-0.57	50
1,4-Dichlorobenzene	1.785	1.757		-1.57	50
1,2-Dichlorobenzene	1.657	1.693		2.17	50
1,2-Dibromo-3-Chloropropane	0.233	0.237		1.72	50
1,2,4-Trichlorobenzene	1.077	1.045		-2.97	50
1,2,3-Trichlorobenzene	1.002	1.018		1.6	50
1,2-Dichloroethane-d4	0.796	0.769		-3.39	50
Dibromofluoromethane	0.335	0.335		0	50
Toluene-d8	1.160	1.142		-1.55	50
4-Bromofluorobenzene	0.440	0.431		-2.05	50

All other compounds must meet a minimum RRF of 0.010.
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