

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO15</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3097</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/22/2025 09:38</u>
Lab File ID:	<u>VX047689.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	0.702		35.52	20
Chloromethane	0.680	0.830	0.1	22.06	20
Vinyl Chloride	0.666	0.828		24.32	20
Bromomethane	0.422	0.543		28.67	20
Chloroethane	0.445	0.512		15.06	20
Trichlorofluoromethane	0.989	1.151		16.38	20
1,1,2-Trichlorotrifluoroethane	0.578	0.657		13.67	20
1,1-Dichloroethene	0.594	0.675		13.64	20
Acetone	0.346	0.322		-6.94	20
Carbon Disulfide	1.626	1.959		20.48	20
Methyl tert-butyl Ether	2.169	2.245		3.5	20
Methyl Acetate	0.770	0.757		-1.69	20
Methylene Chloride	0.732	0.778		6.28	20
trans-1,2-Dichloroethene	0.640	0.704		10	20
1,1-Dichloroethane	1.263	1.365	0.1	8.08	20
Cyclohexane	1.052	1.098		4.37	20
2-Butanone	0.432	0.403		-6.71	20
Carbon Tetrachloride	0.532	0.547		2.82	20
cis-1,2-Dichloroethene	0.783	0.839		7.15	20
Bromochloromethane	0.551	0.557		1.09	20
Chloroform	1.276	1.336		4.7	20
1,1,1-Trichloroethane	1.082	1.130		4.44	20
Methylcyclohexane	0.556	0.585		5.22	20
Benzene	1.488	1.578		6.05	20
1,2-Dichloroethane	0.566	0.567		0.18	20
Trichloroethene	0.360	0.388		7.78	20
1,2-Dichloropropane	0.381	0.396		3.94	20
Bromodichloromethane	0.572	0.593		3.67	20
4-Methyl-2-Pentanone	0.477	0.454		-4.82	20
Toluene	0.917	0.958		4.47	20
t-1,3-Dichloropropene	0.584	0.594		1.71	20
cis-1,3-Dichloropropene	0.624	0.655		4.97	20
1,1,2-Trichloroethane	0.354	0.352		-0.56	20
2-Hexanone	0.343	0.312		-9.04	20
Dibromochloromethane	0.407	0.423		3.93	20
1,2-Dibromoethane	0.360	0.368		2.22	20
Tetrachloroethene	0.326	0.343		5.22	20
Chlorobenzene	1.136	1.190	0.3	4.75	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	1.960	2.061		5.15	20
m/p-Xylenes	0.729	0.769		5.49	20
o-Xylene	0.706	0.749		6.09	20
Styrene	1.236	1.299		5.1	20
Bromoform	0.293	0.311	0.1	6.14	20
Isopropylbenzene	3.801	3.908		2.82	20
1,1,2,2-Tetrachloroethane	1.150	1.132	0.3	-1.57	20
1,3-Dichlorobenzene	1.739	1.762		1.32	20
1,4-Dichlorobenzene	1.785	1.762		-1.29	20
1,2-Dichlorobenzene	1.657	1.676		1.15	20
1,2-Dibromo-3-Chloropropane	0.233	0.210		-9.87	20
1,2,4-Trichlorobenzene	1.077	1.056		-1.95	20
1,2,3-Trichlorobenzene	1.002	0.960		-4.19	20
1,2-Dichloroethane-d4	0.796	0.814		2.26	20
Dibromofluoromethane	0.335	0.363		8.36	20
Toluene-d8	1.160	1.219		5.09	20
4-Bromofluorobenzene	0.440	0.451		2.5	20

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