

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO15</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3095</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/17/2025 19:01</u>
Lab File ID:	<u>VX047629.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	0.446		-13.9	50
Chloromethane	0.680	0.611	0.1	-10.15	50
Vinyl Chloride	0.666	0.632		-5.11	50
Bromomethane	0.422	0.425		0.71	50
Chloroethane	0.445	0.429		-3.6	50
Trichlorofluoromethane	0.989	0.939		-5.06	50
1,1,2-Trichlorotrifluoroethane	0.578	0.553		-4.32	50
1,1-Dichloroethene	0.594	0.575		-3.2	50
Acetone	0.346	0.309		-10.69	50
Carbon Disulfide	1.626	1.466		-9.84	50
Methyl tert-butyl Ether	2.169	2.345		8.11	50
Methyl Acetate	0.770	1.014		31.69	50
Methylene Chloride	0.732	0.737		0.68	50
trans-1,2-Dichloroethene	0.640	0.643		0.47	50
1,1-Dichloroethane	1.263	1.313	0.1	3.96	50
Cyclohexane	1.052	0.996		-5.32	50
2-Butanone	0.432	0.483		11.81	50
Carbon Tetrachloride	0.532	0.507		-4.7	50
cis-1,2-Dichloroethene	0.783	0.815		4.09	50
Bromochloromethane	0.551	0.595		7.99	50
Chloroform	1.276	1.353		6.03	50
1,1,1-Trichloroethane	1.082	1.124		3.88	50
Methylcyclohexane	0.556	0.507		-8.81	50
Benzene	1.488	1.493		0.34	50
1,2-Dichloroethane	0.566	0.567		0.18	50
Trichloroethene	0.360	0.362		0.56	50
1,2-Dichloropropane	0.381	0.395		3.67	50
Bromodichloromethane	0.572	0.595		4.02	50
4-Methyl-2-Pentanone	0.477	0.561		17.61	50
Toluene	0.917	0.929		1.31	50
t-1,3-Dichloropropene	0.584	0.597		2.23	50
cis-1,3-Dichloropropene	0.624	0.638		2.24	50
1,1,2-Trichloroethane	0.354	0.377		6.5	50
2-Hexanone	0.343	0.392		14.29	50
Dibromochloromethane	0.407	0.435		6.88	50
1,2-Dibromoethane	0.360	0.394		9.44	50
Tetrachloroethene	0.326	0.317		-2.76	50
Chlorobenzene	1.136	1.148	0.3	1.06	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	1.965		0.25	50
m/p-Xylenes	0.729	0.740		1.51	50
o-Xylene	0.706	0.722		2.27	50
Styrene	1.236	1.271		2.83	50
Bromoform	0.293	0.309	0.1	5.46	50
Isopropylbenzene	3.801	3.902		2.66	50
1,1,2,2-Tetrachloroethane	1.150	1.278	0.3	11.13	50
1,3-Dichlorobenzene	1.739	1.777		2.18	50
1,4-Dichlorobenzene	1.785	1.804		1.06	50
1,2-Dichlorobenzene	1.657	1.748		5.49	50
1,2-Dibromo-3-Chloropropane	0.233	0.267		14.59	50
1,2,4-Trichlorobenzene	1.077	1.111		3.16	50
1,2,3-Trichlorobenzene	1.002	1.074		7.19	50
1,2-Dichloroethane-d4	0.796	0.816		2.51	50
Dibromofluoromethane	0.335	0.335		0	50
Toluene-d8	1.160	1.177		1.47	50
4-Bromofluorobenzene	0.440	0.445		1.14	50

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