

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3109</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>09/17/2025 08:51</u>
Lab File ID:	<u>VX047601.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	0.588		13.51	20
Chloromethane	0.680	0.692	0.1	1.76	20
Vinyl Chloride	0.666	0.744		11.71	20
Bromomethane	0.422	0.456		8.06	20
Chloroethane	0.445	0.480		7.86	20
Trichlorofluoromethane	0.989	1.145		15.77	20
1,1,2-Trichlorotrifluoroethane	0.578	0.682		17.99	20
1,1-Dichloroethene	0.594	0.660		11.11	20
Acetone	0.346	0.406		17.34	20
Carbon Disulfide	1.626	1.690		3.94	20
Methyl tert-butyl Ether	2.169	2.249		3.69	20
Methyl Acetate	0.770	0.866		12.47	20
Methylene Chloride	0.732	0.734		0.27	20
trans-1,2-Dichloroethene	0.640	0.685		7.03	20
1,1-Dichloroethane	1.263	1.336	0.1	5.78	20
Cyclohexane	1.052	1.124		6.84	20
2-Butanone	0.432	0.454		5.09	20
Carbon Tetrachloride	0.532	0.581		9.21	20
cis-1,2-Dichloroethene	0.783	0.811		3.58	20
Bromochloromethane	0.551	0.577		4.72	20
Chloroform	1.276	1.326		3.92	20
1,1,1-Trichloroethane	1.082	1.164		7.58	20
Methylcyclohexane	0.556	0.646		16.19	20
Benzene	1.488	1.564		5.11	20
1,2-Dichloroethane	0.566	0.577		1.94	20
Trichloroethene	0.360	0.386		7.22	20
1,2-Dichloropropane	0.381	0.397		4.2	20
Bromodichloromethane	0.572	0.605		5.77	20
4-Methyl-2-Pentanone	0.477	0.481		0.84	20
Toluene	0.917	0.945		3.05	20
t-1,3-Dichloropropene	0.584	0.604		3.42	20
cis-1,3-Dichloropropene	0.624	0.650		4.17	20
1,1,2-Trichloroethane	0.354	0.354		0	20
2-Hexanone	0.343	0.342		-0.29	20
Dibromochloromethane	0.407	0.425		4.42	20
1,2-Dibromoethane	0.360	0.366		1.67	20
Tetrachloroethene	0.326	0.353		8.28	20
Chlorobenzene	1.136	1.193	0.3	5.02	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	2.137		9.03	20
m/p-Xylenes	0.729	0.793		8.78	20
o-Xylene	0.706	0.757		7.22	20
Styrene	1.236	1.311		6.07	20
Bromoform	0.293	0.312	0.1	6.49	20
Isopropylbenzene	3.801	4.316		13.55	20
1,1,2,2-Tetrachloroethane	1.150	1.208	0.3	5.04	20
1,3-Dichlorobenzene	1.739	1.839		5.75	20
1,4-Dichlorobenzene	1.785	1.872		4.87	20
1,2-Dichlorobenzene	1.657	1.766		6.58	20
1,2-Dibromo-3-Chloropropane	0.233	0.247		6.01	20
1,2,4-Trichlorobenzene	1.077	1.192		10.68	20
1,2,3-Trichlorobenzene	1.002	1.099		9.68	20
1,2-Dichloroethane-d4	0.796	0.768		-3.52	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.191		2.67	20
4-Bromofluorobenzene	0.440	0.448		1.82	20

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