

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>AECO15</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3193</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/01/2025 08:44</u>
Lab File ID:	<u>VX047925.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	0.630		21.62	20
Chloromethane	0.680	0.763	0.1	12.21	20
Vinyl Chloride	0.666	0.789		18.47	20
Bromomethane	0.422	0.481		13.98	20
Chloroethane	0.445	0.523		17.53	20
Trichlorofluoromethane	0.989	1.186		19.92	20
1,1,2-Trichlorotrifluoroethane	0.578	0.665		15.05	20
1,1-Dichloroethene	0.594	0.683		14.98	20
Acetone	0.346	0.301		-13.01	20
Carbon Disulfide	1.626	1.764		8.49	20
Methyl tert-butyl Ether	2.169	2.411		11.16	20
Methyl Acetate	0.770	0.930		20.78	20
Methylene Chloride	0.732	0.834		13.93	20
trans-1,2-Dichloroethene	0.640	0.724		13.13	20
1,1-Dichloroethane	1.263	1.467	0.1	16.15	20
Cyclohexane	1.052	1.052		0	20
2-Butanone	0.432	0.425		-1.62	20
Carbon Tetrachloride	0.532	0.565		6.2	20
cis-1,2-Dichloroethene	0.783	0.862		10.09	20
Bromochloromethane	0.551	0.703		27.59	20
Chloroform	1.276	1.485		16.38	20
1,1,1-Trichloroethane	1.082	1.218		12.57	20
Methylcyclohexane	0.556	0.533		-4.14	20
Benzene	1.488	1.619		8.8	20
1,2-Dichloroethane	0.566	0.610		7.77	20
Trichloroethene	0.360	0.385		6.94	20
1,2-Dichloropropane	0.381	0.421		10.5	20
Bromodichloromethane	0.572	0.640		11.89	20
4-Methyl-2-Pentanone	0.477	0.494		3.56	20
Toluene	0.917	0.978		6.65	20
t-1,3-Dichloropropene	0.584	0.557		-4.62	20
cis-1,3-Dichloropropene	0.624	0.610		-2.24	20
1,1,2-Trichloroethane	0.354	0.391		10.45	20
2-Hexanone	0.343	0.332		-3.21	20
Dibromochloromethane	0.407	0.464		14.01	20
1,2-Dibromoethane	0.360	0.395		9.72	20
Tetrachloroethene	0.326	0.357		9.51	20
Chlorobenzene	1.136	1.221	0.3	7.48	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	2.044		4.29	20
m/p-Xylenes	0.729	0.777		6.58	20
o-Xylene	0.706	0.754		6.8	20
Styrene	1.236	1.322		6.96	20
Bromoform	0.293	0.323	0.1	10.24	20
Isopropylbenzene	3.801	3.960		4.18	20
1,1,2,2-Tetrachloroethane	1.150	1.222	0.3	6.26	20
1,3-Dichlorobenzene	1.739	1.783		2.53	20
1,4-Dichlorobenzene	1.785	1.821		2.02	20
1,2-Dichlorobenzene	1.657	1.721		3.86	20
1,2-Dibromo-3-Chloropropane	0.233	0.225		-3.43	20
1,2,4-Trichlorobenzene	1.077	1.032		-4.18	20
1,2,3-Trichlorobenzene	1.002	0.983		-1.9	20
1,2-Dichloroethane-d4	0.796	0.862		8.29	20
Dibromofluoromethane	0.335	0.378		12.84	20
Toluene-d8	1.160	1.247		7.5	20
4-Bromofluorobenzene	0.440	0.460		4.55	20

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