

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: AECO02

Lab Code: ACE

SDG No.: Q2900

Instrument ID: MSVOA_X

Calibration Date/Time: 08/21/2025 09:35

Lab File ID: VX047455.D

Init. Calib. Date(s): 08/15/2025 08/15/2025

Heated Purge: (Y/N) N

Init. Calib. Time(s): 09:40 12:30

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.598		-6.12	20
Chloromethane	0.573	0.516	0.1	-9.95	20
Vinyl Chloride	0.720	0.680		-5.56	20
Bromomethane	0.291	0.296		1.72	20
Chloroethane	0.440	0.405		-7.95	20
Trichlorofluoromethane	1.065	0.995		-6.57	20
1,1,2-Trichlorotrifluoroethane	0.618	0.599		-3.07	20
1,1-Dichloroethene	0.630	0.604		-4.13	20
Acetone	0.263	0.297		12.93	20
Carbon Disulfide	1.900	1.648		-13.26	20
Methyl tert-butyl Ether	1.915	2.010		4.96	20
Methyl Acetate	0.682	0.764		12.02	20
Methylene Chloride	0.697	0.692		-0.72	20
trans-1,2-Dichloroethene	0.668	0.627		-6.14	20
1,1-Dichloroethane	1.222	1.230	0.1	0.65	20
Cyclohexane	1.126	1.035		-8.08	20
2-Butanone	0.344	0.378		9.88	20
Carbon Tetrachloride	0.560	0.506		-9.64	20
cis-1,2-Dichloroethene	0.778	0.772		-0.77	20
Bromochloromethane	0.508	0.579		13.98	20
Chloroform	1.247	1.242		-0.4	20
1,1,1-Trichloroethane	1.073	1.042		-2.89	20
Methylcyclohexane	0.639	0.582		-8.92	20
Benzene	1.533	1.480		-3.46	20
1,2-Dichloroethane	0.543	0.540		-0.55	20
Trichloroethene	0.393	0.363		-7.63	20
1,2-Dichloropropane	0.384	0.379		-1.3	20
Bromodichloromethane	0.578	0.576		-0.35	20
4-Methyl-2-Pentanone	0.440	0.432		-1.82	20
Toluene	0.947	0.923		-2.53	20
t-1,3-Dichloropropene	0.505	0.534		5.74	20
cis-1,3-Dichloropropene	0.571	0.588		2.98	20
1,1,2-Trichloroethane	0.360	0.356		-1.11	20
2-Hexanone	0.304	0.296		-2.63	20
Dibromochloromethane	0.428	0.427		-0.23	20
1,2-Dibromoethane	0.371	0.363		-2.16	20
Tetrachloroethene	0.362	0.340		-6.08	20
Chlorobenzene	1.188	1.159	0.3	-2.44	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	2.045	2.008		-1.81	20
m/p-Xylenes	0.763	0.749		-1.84	20
o-Xylene	0.734	0.732		-0.27	20
Styrene	1.240	1.263		1.86	20
Bromoform	0.302	0.303	0.1	0.33	20
Isopropylbenzene	3.913	3.878		-0.89	20
1,1,2,2-Tetrachloroethane	1.149	1.154	0.3	0.44	20
1,3-Dichlorobenzene	1.825	1.747		-4.27	20
1,4-Dichlorobenzene	1.877	1.784		-4.95	20
1,2-Dichlorobenzene	1.733	1.686		-2.71	20
1,2-Dibromo-3-Chloropropane	0.222	0.217		-2.25	20
1,2,4-Trichlorobenzene	1.161	1.136		-2.15	20
1,2,3-Trichlorobenzene	1.095	1.091		-0.37	20
1,2-Dichloroethane-d4	0.700	0.705		0.71	20
Dibromofluoromethane	0.325	0.317		-2.46	20
Toluene-d8	1.160	1.105		-4.74	20
4-Bromofluorobenzene	0.428	0.421		-1.64	20

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