

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG No.: Q2639

Instrument ID: MSVOA_Y

Calibration Date/Time: 07/18/2025 21:30

Lab File ID: VY023013.D

Init. Calib. Date(s): 07/18/2025 07/18/2025

Heated Purge: (Y/N) Y

Init. Calib. Time(s): 10:08 12:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.425	0.373		-12.23	50
Chloromethane	0.722	0.855	0.1	18.42	50
Vinyl Chloride	0.915	1.043		13.99	50
Bromomethane	0.660	0.825		25	50
Chloroethane	0.611	0.741		21.28	50
Tetrahydrofuran	0.083	0.111		33.74	50
Trichlorofluoromethane	1.062	1.154		8.66	50
1,1,2-Trichlorotrifluoroethane	0.558	0.528		-5.38	50
1,1-Dichloroethene	0.531	0.499		-6.03	50
Acrylonitrile	0.105	0.131		24.76	50
Acetone	0.092	0.096		4.35	50
Carbon Disulfide	1.610	1.537		-4.53	50
Methyl tert-butyl Ether	1.274	1.467		15.15	50
Methylene Chloride	0.871	0.702		-19.4	50
trans-1,2-Dichloroethene	0.591	0.581		-1.69	50
1,1-Dichloroethane	1.079	1.114	0.1	3.24	50
2-Butanone	0.132	0.164		24.24	50
Carbon Tetrachloride	0.543	0.506		-6.81	50
2,2-Dichloropropane	0.945	0.836		-11.53	50
cis-1,2-Dichloroethene	0.682	0.694		1.76	50
Chloroform	1.088	1.144		5.15	50
1,1,1-Trichloroethane	0.987	0.972		-1.52	50
1,1-Dichloropropene	0.500	0.481		-3.8	50
Benzene	1.504	1.533		1.93	50
1,2-Dichloroethane	0.374	0.421		12.57	50
Trichloroethene	0.386	0.373		-3.37	50
1,2-Dichloropropane	0.351	0.362		3.13	50
Dibromomethane	0.182	0.202		10.99	50
Bromodichloromethane	0.502	0.528		5.18	50
4-Methyl-2-Pentanone	0.187	0.249		33.15	50
Toluene	0.935	0.953		1.92	50
t-1,3-Dichloropropene	0.431	0.465		7.89	50
cis-1,3-Dichloropropene	0.519	0.536		3.28	50
1,1,2-Trichloroethane	0.239	0.272		13.81	50
1,3-Dichloropropane	0.412	0.471		14.32	50
2-Hexanone	0.123	0.163		32.52	50
Dibromochloromethane	0.312	0.352		12.82	50
1,2-Dibromoethane	0.217	0.253		16.59	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
Tetrachloroethene	0.511	0.488		-4.5	50
Chlorobenzene	1.180	1.137	0.3	-3.64	50
1,1,1,2-Tetrachloroethane	0.402	0.396		-1.49	50
Ethyl Benzene	2.091	2.011		-3.83	50
m/p-Xylenes	0.802	0.770		-3.99	50
o-Xylene	0.744	0.725		-2.55	50
Styrene	1.219	1.247		2.3	50
Bromoform	0.204	0.223	0.1	9.31	50
Isopropylbenzene	4.239	3.692		-12.9	50
1,1,2,2-Tetrachloroethane	0.613	0.642	0.3	4.73	50
1,2,3-Trichloropropane	0.623	0.602		-3.37	50
Bromobenzene	0.919	0.852		-7.29	50
n-propylbenzene	5.048	4.398		-12.88	50
2-Chlorotoluene	2.839	2.531		-10.85	50
1,3,5-Trimethylbenzene	3.343	2.992		-10.5	50
4-Chlorotoluene	2.864	2.624		-8.38	50
tert-Butylbenzene	3.020	2.640		-12.58	50
1,2,4-Trimethylbenzene	3.291	3.002		-8.78	50
sec-Butylbenzene	4.526	3.873		-14.43	50
p-Isopropyltoluene	3.676	3.177		-13.57	50
1,3-Dichlorobenzene	1.855	1.691		-8.84	50
1,4-Dichlorobenzene	1.795	1.636		-8.86	50
n-Butylbenzene	3.392	2.844		-16.16	50
1,2-Dichlorobenzene	1.565	1.494		-4.54	50
1,2-Dibromo-3-Chloropropane	0.091	0.107		17.58	50
1,2,4-Trichlorobenzene	0.825	0.762		-7.64	50
Hexachlorobutadiene	0.520	0.384		-26.15	50
1,2,3-Trichlorobenzene	0.681	0.669		-1.76	50
1,2-Dichloroethane-d4	0.506	0.604		19.37	50
Dibromofluoromethane	0.317	0.334		5.36	50
Toluene-d8	1.258	1.289		2.46	50
4-Bromofluorobenzene	0.396	0.418		5.56	50
trans-1,4-Dichloro-2-butene	0.209	0.209		0	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.