

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>HERO01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2928</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>08/22/2025 12:12</u>
Lab File ID:	<u>VW032107.D</u>	Init. Calib. Date(s):	<u>08/11/2025 08/11/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>08:25 11:08</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.358	0.349		-2.51	20
Chloromethane	0.482	0.393	0.1	-18.47	20
Vinyl Chloride	0.583	0.545		-6.52	20
Bromomethane	0.437	0.441		0.92	20
Chloroethane	0.386	0.377		-2.33	20
Trichlorofluoromethane	0.467	0.489		4.71	20
1,1,2-Trichlorotrifluoroethane	0.551	0.604		9.62	20
1,1-Dichloroethene	0.606	0.640		5.61	20
Acetone	0.167	0.188		12.57	20
Carbon Disulfide	1.628	1.435		-11.85	20
Methyl tert-butyl Ether	1.068	1.006		-5.8	20
Methyl Acetate	0.530	0.453		-14.53	20
Methylene Chloride	0.774	0.660		-14.73	20
trans-1,2-Dichloroethene	0.644	0.612		-4.97	20
1,1-Dichloroethane	1.189	1.097	0.1	-7.74	20
Cyclohexane	1.031	0.909		-11.83	20
2-Butanone	0.238	0.220		-7.56	20
Carbon Tetrachloride	0.439	0.530		20.73	20
cis-1,2-Dichloroethene	0.752	0.729		-3.06	20
Bromochloromethane	0.541	0.470		-13.12	20
Chloroform	1.260	1.241		-1.51	20
1,1,1-Trichloroethane	0.915	0.922		0.76	20
Methylcyclohexane	0.555	0.602		8.47	20
Benzene	1.415	1.488		5.16	20
1,2-Dichloroethane	0.453	0.496		9.49	20
Trichloroethene	0.337	0.359		6.53	20
1,2-Dichloropropane	0.342	0.351		2.63	20
Bromodichloromethane	0.509	0.554		8.84	20
4-Methyl-2-Pentanone	0.279	0.303		8.6	20
Toluene	0.892	0.971		8.86	20
t-1,3-Dichloropropene	0.476	0.513		7.77	20
cis-1,3-Dichloropropene	0.541	0.575		6.28	20
1,1,2-Trichloroethane	0.293	0.311		6.14	20
2-Hexanone	0.193	0.213		10.36	20
Dibromochloromethane	0.335	0.382		14.03	20
1,2-Dibromoethane	0.285	0.302		5.97	20
Tetrachloroethene	0.289	0.332		14.88	20
Chlorobenzene	1.088	1.175	0.3	8	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	1.843	2.079		12.81	20
m/p-Xylenes	0.711	0.819		15.19	20
o-Xylene	0.657	0.753		14.61	20
Styrene	1.168	1.307		11.9	20
Bromoform	0.194	0.242	0.1	24.74	20
Isopropylbenzene	3.494	3.813		9.13	20
1,1,2,2-Tetrachloroethane	0.830	0.843	0.3	1.57	20
1,3-Dichlorobenzene	1.661	1.884		13.43	20
1,4-Dichlorobenzene	1.678	1.851		10.31	20
1,2-Dichlorobenzene	1.504	1.629		8.31	20
1,2-Dibromo-3-Chloropropane	0.147	0.145		-1.36	20
1,2,4-Trichlorobenzene	0.900	0.998		10.89	20
1,2,3-Trichlorobenzene	0.819	0.899		9.77	20
1,2-Dichloroethane-d4	0.723	0.663		-8.3	20
Dibromofluoromethane	0.323	0.326		0.93	20
Toluene-d8	1.195	1.210		1.25	20
4-Bromofluorobenzene	0.440	0.431		-2.05	20

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