

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCIA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2758</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>08/04/2025 09:24</u>
Lab File ID:	<u>VW031987.D</u>	Init. Calib. Date(s):	<u>07/22/2025 07/22/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:05 12:00</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.372	0.350		-5.91	20
Chloromethane	0.477	0.475	0.1	-0.42	20
Vinyl Chloride	0.620	0.591		-4.68	20
Bromomethane	0.456	0.449		-1.53	20
Chloroethane	0.409	0.406		-0.73	20
Trichlorofluoromethane	0.628	0.548		-12.74	20
1,1,2-Trichlorotrifluoroethane	0.604	0.586		-2.98	20
1,1-Dichloroethene	0.667	0.641		-3.9	20
Acetone	0.179	0.181		1.12	20
Carbon Disulfide	1.729	1.772		2.49	20
Methyl tert-butyl Ether	1.152	1.181		2.52	20
Methyl Acetate	0.494	0.497		0.61	20
Methylene Chloride	0.944	0.702		-25.64	20
trans-1,2-Dichloroethene	0.707	0.687		-2.83	20
1,1-Dichloroethane	1.293	1.249	0.1	-3.4	20
Cyclohexane	1.160	1.053		-9.22	20
2-Butanone	0.246	0.243		-1.22	20
Carbon Tetrachloride	0.501	0.511		2	20
cis-1,2-Dichloroethene	0.832	0.815		-2.04	20
Bromochloromethane	0.541	0.463		-14.42	20
Chloroform	1.356	1.335		-1.55	20
1,1,1-Trichloroethane	1.032	1.017		-1.45	20
Methylcyclohexane	0.657	0.678		3.2	20
Benzene	1.545	1.582		2.39	20
1,2-Dichloroethane	0.494	0.493		-0.2	20
Trichloroethene	0.367	0.369		0.55	20
1,2-Dichloropropane	0.372	0.382		2.69	20
Bromodichloromethane	0.553	0.576		4.16	20
4-Methyl-2-Pentanone	0.295	0.309		4.75	20
Toluene	0.993	1.037		4.43	20
t-1,3-Dichloropropene	0.530	0.560		5.66	20
cis-1,3-Dichloropropene	0.606	0.634		4.62	20
1,1,2-Trichloroethane	0.306	0.321		4.9	20
2-Hexanone	0.205	0.217		5.85	20
Dibromochloromethane	0.357	0.393		10.08	20
1,2-Dibromoethane	0.303	0.310		2.31	20
Tetrachloroethene	0.330	0.344		4.24	20
Chlorobenzene	1.224	1.223	0.3	-0.08	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	2.150	2.163		0.61	20
m/p-Xylenes	0.809	0.831		2.72	20
o-Xylene	0.766	0.792		3.39	20
Styrene	1.304	1.338		2.61	20
Bromoform	0.207	0.226	0.1	9.18	20
Isopropylbenzene	4.338	4.507		3.9	20
1,1,2,2-Tetrachloroethane	0.921	0.973	0.3	5.65	20
1,3-Dichlorobenzene	1.954	2.038		4.3	20
1,4-Dichlorobenzene	1.914	2.031		6.11	20
1,2-Dichlorobenzene	1.732	1.763		1.79	20
1,2-Dibromo-3-Chloropropane	0.166	0.174		4.82	20
1,2,4-Trichlorobenzene	1.044	1.086		4.02	20
1,2,3-Trichlorobenzene	0.946	0.997		5.39	20
1,2-Dichloroethane-d4	0.756	0.691		-8.6	20
Dibromofluoromethane	0.340	0.330		-2.94	20
Toluene-d8	1.286	1.324		2.95	20
4-Bromofluorobenzene	0.494	0.478		-3.24	20

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