

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>SCIA01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3474</u>
Instrument ID:	<u>MSVOA_Y</u>	Calibration Date/Time:	<u>10/28/2025 09:02</u>
Lab File ID:	<u>VY023598.D</u>	Init. Calib. Date(s):	<u>10/07/2025 10/07/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>09:17 12:32</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.319		-11.39	20
Chloromethane	0.490	0.442	0.1	-9.8	20
Vinyl Chloride	0.639	0.616		-3.6	20
Bromomethane	0.536	0.499		-6.9	20
Chloroethane	0.435	0.453		4.14	20
Trichlorofluoromethane	0.887	0.914		3.04	20
1,1,2-Trichlorotrifluoroethane	0.460	0.510		10.87	20
1,1-Dichloroethene	0.446	0.470		5.38	20
Acetone	0.100	0.098		-2	20
Carbon Disulfide	1.277	1.256		-1.64	20
Methyl tert-butyl Ether	1.072	1.051		-1.96	20
Methyl Acetate	0.261	0.274		4.98	20
Methylene Chloride	0.538	0.519		-3.53	20
trans-1,2-Dichloroethene	0.491	0.531		8.15	20
1,1-Dichloroethane	0.796	0.886	0.1	11.31	20
Cyclohexane	0.696	0.703		1.01	20
2-Butanone	0.122	0.108		-11.48	20
Carbon Tetrachloride	0.493	0.575		16.63	20
cis-1,2-Dichloroethene	0.567	0.631		11.29	20
Bromochloromethane	0.297	0.275		-7.41	20
Chloroform	0.875	0.995		13.71	20
1,1,1-Trichloroethane	0.795	0.902		13.46	20
Methylcyclohexane	0.530	0.598		12.83	20
Benzene	1.288	1.495		16.07	20
1,2-Dichloroethane	0.332	0.357		7.53	20
Trichloroethene	0.377	0.426		13	20
1,2-Dichloropropane	0.285	0.326		14.39	20
Bromodichloromethane	0.453	0.525		15.89	20
4-Methyl-2-Pentanone	0.166	0.161		-3.01	20
Toluene	0.836	0.994		18.9	20
t-1,3-Dichloropropene	0.394	0.430		9.14	20
cis-1,3-Dichloropropene	0.465	0.524		12.69	20
1,1,2-Trichloroethane	0.242	0.265		9.5	20
2-Hexanone	0.119	0.113		-5.04	20
Dibromochloromethane	0.339	0.377		11.21	20
1,2-Dibromoethane	0.231	0.247		6.93	20
Tetrachloroethene	0.516	0.600		16.28	20
Chlorobenzene	1.087	1.246	0.3	14.63	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	1.760	2.117		20.28	20
m/p-Xylenes	0.706	0.845		19.69	20
o-Xylene	0.662	0.785		18.58	20
Styrene	1.089	1.307		20.02	20
Bromoform	0.240	0.253	0.1	5.42	20
Isopropylbenzene	3.295	4.014		21.82	20
1,1,2,2-Tetrachloroethane	0.539	0.550	0.3	2.04	20
1,3-Dichlorobenzene	1.706	1.954		14.54	20
1,4-Dichlorobenzene	1.685	1.880		11.57	20
1,2-Dichlorobenzene	1.496	1.672		11.77	20
1,2-Dibromo-3-Chloropropane	0.088	0.078		-11.36	20
1,2,4-Trichlorobenzene	0.932	1.009		8.26	20
1,2,3-Trichlorobenzene	0.808	0.843		4.33	20
1,2-Dichloroethane-d4	0.418	0.383		-8.37	20
Dibromofluoromethane	0.307	0.314		2.28	20
Toluene-d8	1.144	1.161		1.49	20
4-Bromofluorobenzene	0.378	0.382		1.06	20

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