Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: MSVOA_N Calibration Date/Time: 01/30/2025 19:06

Lab File ID: VN085589.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.677	0.532		-21.42	50
Chloromethane	0.733	0.580	0.1	-20.87	50
Vinyl Chloride	0.737	0.632		-14.25	50
Bromomethane	0.445	0.371		-16.63	50
Chloroethane	0.467	0.427		-8.56	50
Trichlorofluoromethane	1.069	0.958		-10.38	50
1,1,2-Trichlorotrifluoroethane	0.602	0.546		-9.3	50
1,1-Dichloroethene	0.537	0.486		-9.5	50
Acetone	0.261	0.266		1.92	50
Carbon Disulfide	1.652	1.171		-29.12	50
Methyl tert-butyl Ether	1.742	1.926		10.56	50
Methyl Acetate	0.793	0.914		15.26	50
Methylene Chloride	0.646	0.606		-6.19	50
trans-1,2-Dichloroethene	0.573	0.514		-10.3	50
1,1-Dichloroethane	1.178	1.152	0.1	-2.21	50
Cyclohexane	1.024	0.833		-18.65	50
2-Butanone	0.384	0.424		10.42	50
Carbon Tetrachloride	0.557	0.520		-6.64	50
cis-1,2-Dichloroethene	0.675	0.664		-1.63	50
Bromochloromethane	0.548	0.492		-10.22	50
Chloroform	1.218	1.182		-2.96	50
1,1,1-Trichloroethane	1.068	1.032		-3.37	50
Methylcyclohexane	0.457	0.425		-7	50
Benzene	1.463	1.396		-4.58	50
1,2-Dichloroethane	0.551	0.537		-2.54	50
Trichloroethene	0.341	0.313		-8.21	50
1,2-Dichloropropane	0.374	0.371		-0.8	50
Bromodichloromethane	0.549	0.568		3.46	50
4-Methyl-2-Pentanone	0.457	0.533		16.63	50
Toluene	0.848	0.874		3.07	50
t-1,3-Dichloropropene	0.519	0.553		6.55	50
cis-1,3-Dichloropropene	0.554	0.582		5.05	50
1,1,2-Trichloroethane	0.335	0.345		2.98	50
2-Hexanone	0.321	0.387		20.56	50
Dibromochloromethane	0.405	0.425		4.94	50
1,2-Dibromoethane	0.334	0.341		2.1	50
Tetrachloroethene	0.341	0.315		-7.63	50
Chlorobenzene	1.095	1.076	0.3	-1.74	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
Ethyl Benzene	1.784	1.863		4.43	50
m/p-Xylenes	0.659	0.700		6.22	50
o-Xylene	0.630	0.679		7.78	50
Styrene	1.043	1.175		12.66	50
Bromoform	0.288	0.312	0.1	8.33	50
Isopropylbenzene	3.375	3.517		4.21	50
1,1,2,2-Tetrachloroethane	1.192	1.181	0.3	-0.92	50
1,3-Dichlorobenzene	1.624	1.555		-4.25	50
1,4-Dichlorobenzene	1.683	1.559		-7.37	50
1,2-Dichlorobenzene	1.620	1.548		-4.44	50
1,2-Dibromo-3-Chloropropane	0.218	0.232		6.42	50
1,2,4-Trichlorobenzene	0.753	0.752		-0.13	50
1,2,3-Trichlorobenzene	0.762	0.739		-3.02	50
1,2-Dichloroethane-d4	0.807	0.830		2.85	50
Dibromofluoromethane	0.347	0.350		0.87	50
Toluene-d8	1.232	1.295		5.11	50
4-Bromofluorobenzene	0.422	0.465		10.19	50

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