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: GENV01

Lab Code: CHEM Case No.: Q1575 SAS No.: Q1575 SDG No.: Q1575

Instrument ID: MSVOA_N Calibration Date/Time: 03/20/2025 15:13

Lab File ID: VN086025.D Init. Calib. Date(s): 03/18/2025 03/18/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:44 14:09

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.662	0.607		-8.31	20
Chloromethane	0.581	0.552	0.1	-4.99	20
Vinyl Chloride	0.594	0.578		-2.69	20
Bromomethane	0.404	0.378		-6.44	20
Chloroethane	0.375	0.352		-6.13	20
Trichlorofluoromethane	1.067	1.039		-2.62	20
1,1,2-Trichlorotrifluoroethane	0.567	0.520		-8.29	20
1,1-Dichloroethene	0.512	0.546		6.64	20
Acetone	0.209	0.188		-10.05	20
Carbon Disulfide	1.685	1.617		-4.04	20
Methyl tert-butyl Ether	1.679	1.745		3.93	20
Methyl Acetate	0.518	0.480		-7.34	20
Methylene Chloride	0.612	0.644		5.23	20
trans-1,2-Dichloroethene	0.560	0.603		7.68	20
1,1-Dichloroethane	1.001	1.073	0.1	7.19	20
Cyclohexane	0.853	0.801		-6.1	20
2-Butanone	0.302	0.287		-4.97	20
Carbon Tetrachloride	0.604	0.663		9.77	20
cis-1,2-Dichloroethene	0.636	0.691		8.65	20
Bromochloromethane	0.424	0.450		6.13	20
Chloroform	1.107	1.208		9.12	20
1,1,1-Trichloroethane	1.048	1.104		5.34	20
Methylcyclohexane	0.456	0.420		-7.89	20
Benzene	1.443	1.598		10.74	20
1,2-Dichloroethane	0.503	0.541		7.55	20
Trichloroethene	0.374	0.369		-1.34	20
1,2-Dichloropropane	0.328	0.374		14.02	20
Bromodichloromethane	0.539	0.594		10.2	20
4-Methyl-2-Pentanone	0.371	0.402		8.36	20
Toluene	0.885	1.037		17.17	20
t-1,3-Dichloropropene	0.524	0.560		6.87	20
cis-1,3-Dichloropropene	0.553	0.597		7.96	20
1,1,2-Trichloroethane	0.338	0.391		15.68	20
2-Hexanone	0.270	0.296		9.63	20
Dibromochloromethane	0.436	0.498		14.22	20
1,2-Dibromoethane	0.347	0.383		10.38	20
Tetrachloroethene	0.399	0.412		3.26	20
Chlorobenzene	1.144	1.188	0.3	3.76	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	1.830	2.040		11.48	20
m/p-Xylenes	0.719	0.838		16.55	20
o-Xylene	0.660	0.770		16.67	20
Styrene	1.128	1.356		20.21	20
Bromoform	0.356	0.370	0.1	3.93	20
Isopropylbenzene	3.414	3.399		-0.44	20
1,1,2,2-Tetrachloroethane	1.155	1.035	0.3	-10.39	20
1,3-Dichlorobenzene	1.716	1.771		3.2	20
1,4-Dichlorobenzene	1.803	1.762		-2.27	20
1,2-Dichlorobenzene	1.706	1.702		-0.23	20
1,2-Dibromo-3-Chloropropane	0.231	0.204		-11.69	20
1,2,4-Trichlorobenzene	0.858	0.784		-8.63	20
1,2,3-Trichlorobenzene	0.814	0.781		-4.05	20
1,2-Dichloroethane-d4	0.685	0.736		7.45	20
Dibromofluoromethane	0.349	0.372		6.59	20
Toluene-d8	1.267	1.398		10.34	20
4-Bromofluorobenzene	0.452	0.521		15.27	20

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