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.: Q1109 SAS No.: Q1109 SDG No.: Q1109

Instrument ID: MSVOA_N Calibration Date/Time: 01/16/2025 12:30

Lab File ID: VN085465.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	0.677		0	20
Chloromethane	0.733	0.693	0.1	-5.46	20
Vinyl Chloride	0.737	0.708		-3.93	20
Bromomethane	0.445	0.418		-6.07	20
Chloroethane	0.467	0.475		1.71	20
Trichlorofluoromethane	1.069	1.085		1.5	20
1,1,2-Trichlorotrifluoroethane	0.602	0.621		3.16	20
1,1-Dichloroethene	0.537	0.539		0.37	20
Acetone	0.261	0.258		-1.15	20
Carbon Disulfide	1.652	1.533		-7.2	20
Methyl tert-butyl Ether	1.742	1.854		6.43	20
Methyl Acetate	0.793	0.807		1.76	20
Methylene Chloride	0.646	0.638		-1.24	20
trans-1,2-Dichloroethene	0.573	0.587		2.44	20
1,1-Dichloroethane	1.178	1.199	0.1	1.78	20
Cyclohexane	1.024	0.996		-2.73	20
2-Butanone	0.384	0.397		3.38	20
Carbon Tetrachloride	0.557	0.567		1.79	20
cis-1,2-Dichloroethene	0.675	0.698		3.41	20
Bromochloromethane	0.548	0.561		2.37	20
Chloroform	1.218	1.244		2.13	20
1,1,1-Trichloroethane	1.068	1.089		1.97	20
Methylcyclohexane	0.457	0.504		10.28	20
Benzene	1.463	1.531		4.65	20
1,2-Dichloroethane	0.551	0.573		3.99	20
Trichloroethene	0.341	0.331		-2.93	20
1,2-Dichloropropane	0.374	0.393		5.08	20
Bromodichloromethane	0.549	0.580		5.65	20
4-Methyl-2-Pentanone	0.457	0.513		12.25	20
Toluene	0.848	0.944		11.32	20
t-1,3-Dichloropropene	0.519	0.566		9.06	20
cis-1,3-Dichloropropene	0.554	0.600		8.3	20
1,1,2-Trichloroethane	0.335	0.351		4.78	20
2-Hexanone	0.321	0.370		15.27	20
Dibromochloromethane	0.405	0.428		5.68	20
1,2-Dibromoethane	0.334	0.343		2.69	20
Tetrachloroethene	0.341	0.346		1.47	20
Chlorobenzene	1.095	1.103	0.3	0.73	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	1.784	1.970		10.43	20
m/p-Xylenes	0.659	0.758		15.02	20
o-Xylene	0.630	0.702		11.43	20
Styrene	1.043	1.226		17.55	20
Bromoform	0.288	0.305	0.1	5.9	20
Isopropylbenzene	3.375	3.584		6.19	20
1,1,2,2-Tetrachloroethane	1.192	1.121	0.3	-5.96	20
1,3-Dichlorobenzene	1.624	1.652		1.72	20
1,4-Dichlorobenzene	1.683	1.605		-4.64	20
1,2-Dichlorobenzene	1.620	1.569		-3.15	20
1,2-Dibromo-3-Chloropropane	0.218	0.206		-5.51	20
1,2,4-Trichlorobenzene	0.753	0.723		-3.98	20
1,2,3-Trichlorobenzene	0.762	0.715		-6.17	20
1,2-Dichloroethane-d4	0.807	0.883		9.42	20
Dibromofluoromethane	0.347	0.381		9.8	20
Toluene-d8	1.232	1.408		14.29	20
4-Bromofluorobenzene	0.422	0.495		17.3	20

All other compounds must meet a minimum RRF of 0.010.
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