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

Lab Name: CHEMTECH Contract: GARD04

Lab Code: CHEM Case No.: Q2163 SAS No.: Q2163 SDG No.: Q2163

Instrument ID: MSVOA_X Calibration Date/Time: 05/30/2025 10:14

Lab File ID: VX046409.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.819		7.06	20
Chloromethane	0.742	0.801	0.1	7.95	20
Vinyl Chloride	0.691	0.722		4.49	20
Bromomethane	0.320	0.322		0.63	20
Chloroethane	0.369	0.398		7.86	20
Trichlorofluoromethane	1.021	1.123		9.99	20
1,1,2-Trichlorotrifluoroethane	0.632	0.704		11.39	20
1,1-Dichloroethene	0.593	0.644		8.6	20
Acetone	0.374	0.420		12.3	20
Carbon Disulfide	1.406	1.493		6.19	20
Methyl tert-butyl Ether	2.079	2.258		8.61	20
Methyl Acetate	0.867	1.173		35.29	20
Methylene Chloride	0.716	0.714		-0.28	20
trans-1,2-Dichloroethene	0.596	0.646		8.39	20
1,1-Dichloroethane	1.219	1.347	0.1	10.5	20
Cyclohexane	1.111	1.177		5.94	20
2-Butanone	0.543	0.600		10.5	20
Carbon Tetrachloride	0.544	0.593		9.01	20
cis-1,2-Dichloroethene	0.718	0.778		8.36	20
Bromochloromethane	0.587	0.592		0.85	20
Chloroform	1.271	1.387		9.13	20
1,1,1-Trichloroethane	1.101	1.190		8.08	20
Methylcyclohexane	0.623	0.679		8.99	20
Benzene	1.417	1.556		9.81	20
1,2-Dichloroethane	0.612	0.666		8.82	20
Trichloroethene	0.341	0.373		9.38	20
1,2-Dichloropropane	0.352	0.395		12.22	20
Bromodichloromethane	0.547	0.622		13.71	20
4-Methyl-2-Pentanone	0.605	0.678		12.07	20
Toluene	0.869	0.940		8.17	20
t-1,3-Dichloropropene	0.487	0.555		13.96	20
cis-1,3-Dichloropropene	0.538	0.621		15.43	20
1,1,2-Trichloroethane	0.343	0.376		9.62	20
2-Hexanone	0.448	0.503		12.28	20
Dibromochloromethane	0.376	0.436		15.96	20
1,2-Dibromoethane	0.356	0.393		10.39	20
Tetrachloroethene	0.354	0.397		12.15	20
Chlorobenzene	1.094	1.183	0.3	8.14	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	1.929	2.210		14.57	20
m/p-Xylenes	0.706	0.799		13.17	20
o-Xylene	0.688	0.782		13.66	20
Styrene	1.127	1.325		17.57	20
Bromoform	0.281	0.328	0.1	16.73	20
Isopropylbenzene	3.893	4.252		9.22	20
1,1,2,2-Tetrachloroethane	1.364	1.396	0.3	2.35	20
1,3-Dichlorobenzene	1.649	1.805		9.46	20
1,4-Dichlorobenzene	1.684	1.797		6.71	20
1,2-Dichlorobenzene	1.655	1.772		7.07	20
1,2-Dibromo-3-Chloropropane	0.302	0.328		8.61	20
1,2,4-Trichlorobenzene	0.951	1.072		12.72	20
1,2,3-Trichlorobenzene	0.981	1.070		9.07	20
1,2-Dichloroethane-d4	0.932	0.920		-1.29	20
Dibromofluoromethane	0.360	0.375		4.17	20
Toluene-d8	1.246	1.233		-1.04	20
4-Bromofluorobenzene	0.478	0.485		1.46	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.