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

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG No.: Q2198

Instrument ID: MSVOA_X Calibration Date/Time: 06/04/2025 10:12

Lab File ID: VX046488.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	0.751		-1.83	20
Chloromethane	0.742	0.718	0.1	-3.23	20
Vinyl Chloride	0.691	0.665		-3.76	20
Bromomethane	0.320	0.277		-13.44	20
Chloroethane	0.369	0.377		2.17	20
Trichlorofluoromethane	1.021	1.059		3.72	20
1,1,2-Trichlorotrifluoroethane	0.632	0.670		6.01	20
1,1-Dichloroethene	0.593	0.593		0	20
Acetone	0.374	0.442		18.18	20
Carbon Disulfide	1.406	1.295		-7.89	20
Methyl tert-butyl Ether	2.079	2.295		10.39	20
Methyl Acetate	0.867	1.200		38.41	20
Methylene Chloride	0.716	0.693		-3.21	20
trans-1,2-Dichloroethene	0.596	0.599		0.5	20
1,1-Dichloroethane	1.219	1.302	0.1	6.81	20
Cyclohexane	1.111	1.106		-0.45	20
2-Butanone	0.543	0.606		11.6	20
Carbon Tetrachloride	0.544	0.588		8.09	20
cis-1,2-Dichloroethene	0.718	0.747		4.04	20
Bromochloromethane	0.587	0.546		-6.99	20
Chloroform	1.271	1.335		5.03	20
1,1,1-Trichloroethane	1.101	1.161		5.45	20
Methylcyclohexane	0.623	0.650		4.33	20
Benzene	1.417	1.496		5.57	20
1,2-Dichloroethane	0.612	0.651		6.37	20
Trichloroethene	0.341	0.364		6.74	20
1,2-Dichloropropane	0.352	0.386		9.66	20
Bromodichloromethane	0.547	0.606		10.79	20
4-Methyl-2-Pentanone	0.605	0.678		12.07	20
Toluene	0.869	0.902		3.8	20
t-1,3-Dichloropropene	0.487	0.557		14.37	20
cis-1,3-Dichloropropene	0.538	0.614		14.13	20
1,1,2-Trichloroethane	0.343	0.370		7.87	20
2-Hexanone	0.448	0.513		14.51	20
Dibromochloromethane	0.376	0.424		12.77	20
1,2-Dibromoethane	0.356	0.380		6.74	20
Tetrachloroethene	0.354	0.378		6.78	20
Chlorobenzene	1.094	1.168	0.3	6.76	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	1.929	2.117		9.75	20
m/p-Xylenes	0.706	0.764		8.22	20
o-Xylene	0.688	0.756		9.88	20
Styrene	1.127	1.283		13.84	20
Bromoform	0.281	0.318	0.1	13.17	20
Isopropylbenzene	3.893	4.180		7.37	20
1,1,2,2-Tetrachloroethane	1.364	1.385	0.3	1.54	20
1,3-Dichlorobenzene	1.649	1.733		5.09	20
1,4-Dichlorobenzene	1.684	1.742		3.44	20
1,2-Dichlorobenzene	1.655	1.740		5.14	20
1,2-Dibromo-3-Chloropropane	0.302	0.331		9.6	20
1,2,4-Trichlorobenzene	0.951	1.029		8.2	20
1,2,3-Trichlorobenzene	0.981	1.062		8.26	20
1,2-Dichloroethane-d4	0.932	0.862		-7.51	20
Dibromofluoromethane	0.360	0.356		-1.11	20
Toluene-d8	1.246	1.135		-8.91	20
4-Bromofluorobenzene	0.478	0.469		-1.88	20

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