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

Lab Name: CHEMTECH Contract: RUTW01

Lab Code: CHEM Case No.: Q1241 SAS No.: Q1241 SDG No.: Q1241

Instrument ID: MSVOA_Y Calibration Date/Time: 02/05/2025 09:16

Lab File ID: VY021074.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:35 12:44

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.446	0.476		6.73	20
Chloromethane	0.440	0.457	0.1	3.86	20
Vinyl Chloride	0.443	0.467		5.42	20
Bromomethane	0.274	0.279		1.83	20
Chloroethane	0.263	0.275		4.56	20
Trichlorofluoromethane	0.806	0.838		3.97	20
1,1,2-Trichlorotrifluoroethane	0.506	0.521		2.96	20
Tert butyl alcohol	0.035	0.027		-22.86	20
1,1-Dichloroethene	0.477	0.487		2.1	20
Acetone	0.080	0.080		0	20
Carbon Disulfide	1.495	1.554		3.95	20
Methyl tert-butyl Ether	1.205	1.130		-6.22	20
Methyl Acetate	0.280	0.268		-4.29	20
Methylene Chloride	0.497	0.491		-1.21	20
trans-1,2-Dichloroethene	0.525	0.539		2.67	20
1,1-Dichloroethane	0.970	0.985	0.1	1.55	20
Cyclohexane	0.874	0.877		0.34	20
2-Butanone	0.131	0.126		-3.82	20
Carbon Tetrachloride	0.555	0.585		5.41	20
cis-1,2-Dichloroethene	0.604	0.608		0.66	20
Bromochloromethane	0.384	0.428		11.46	20
Chloroform	0.997	1.005		0.8	20
1,1,1-Trichloroethane	0.927	0.955		3.02	20
Methylcyclohexane	0.581	0.631		8.61	20
Benzene	1.393	1.446		3.81	20
1,2-Dichloroethane	0.386	0.383		-0.78	20
Trichloroethene	0.360	0.370		2.78	20
1,2-Dichloropropane	0.331	0.342		3.32	20
Bromodichloromethane	0.491	0.498		1.43	20
4-Methyl-2-Pentanone	0.208	0.201		-3.37	20
Toluene	0.875	0.917		4.8	20
t-1,3-Dichloropropene	0.441	0.445		0.91	20
cis-1,3-Dichloropropene	0.522	0.531		1.72	20
1,1,2-Trichloroethane	0.237	0.234		-1.27	20
2-Hexanone	0.134	0.129		-3.73	20
Dibromochloromethane	0.333	0.329		-1.2	20
1,2-Dibromoethane	0.222	0.215		-3.15	20
Tetrachloroethene	0.371	0.385		3.77	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
Chlorobenzene	1.113	1.125	0.3	1.08	20
Ethyl Benzene	1.969	2.068		5.03	20
m/p-Xylenes	0.737	0.781		5.97	20
o-Xylene	0.687	0.717		4.37	20
Styrene	1.145	1.202		4.98	20
Bromoform	0.220	0.215	0.1	-2.27	20
Isopropylbenzene	3.906	4.182		7.07	20
1,1,2,2-Tetrachloroethane	0.650	0.624	0.3	-4	20
1,3-Dichlorobenzene	1.740	1.786		2.64	20
1,4-Dichlorobenzene	1.714	1.736		1.28	20
1,2-Dichlorobenzene	1.510	1.493		-1.13	20
1,2-Dibromo-3-Chloropropane	0.097	0.087		-10.31	20
1,2,4-Trichlorobenzene	0.841	0.821		-2.38	20
1,2,3-Trichlorobenzene	0.700	0.660		-5.71	20
1,2-Dichloroethane-d4	0.512	0.543		6.05	20
Dibromofluoromethane	0.320	0.344		7.5	20
Toluene-d8	1.220	1.368		12.13	20
4-Bromofluorobenzene	0.399	0.435		9.02	20

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