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

Lab Name: CHEMTECH Contract: ROMA02

Lab Code: CHEM Case No.: P4258 SAS No.: P4258 SDG No.: P4258

Instrument ID: MSVOA_Y Calibration Date/Time: 10/02/2024 09:39

Lab File ID: VY019756.D Init. Calib. Date(s): 09/09/2024 09/09/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:52 11:53

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.316	0.221		-30.06	20
Chloromethane	0.414	0.361	0.1	-12.8	20
Vinyl Chloride	0.447	0.435		-2.68	20
Bromomethane	0.275	0.302		9.82	20
Chloroethane	0.292	0.309		5.82	20
Trichlorofluoromethane	0.746	0.738		-1.07	20
1,1,2-Trichlorotrifluoroethane	0.461	0.456		-1.09	20
1,1-Dichloroethene	0.444	0.424		-4.51	20
Acetone	0.110	0.130		18.18	20
Carbon Disulfide	1.199	1.028		-14.26	20
Methyl tert-butyl Ether	1.256	1.256		0	20
Methyl Acetate	0.299	0.298		-0.33	20
Methylene Chloride	0.503	0.476		-5.37	20
trans-1,2-Dichloroethene	0.486	0.459		-5.56	20
1,1-Dichloroethane	0.917	0.937	0.1	2.18	20
Cyclohexane	0.829	0.753		-9.17	20
2-Butanone	0.157	0.168		7.01	20
Carbon Tetrachloride	0.435	0.441		1.38	20
cis-1,2-Dichloroethene	0.591	0.599		1.35	20
Bromochloromethane	0.386	0.472		22.28	20
Chloroform	0.936	0.989		5.66	20
1,1,1-Trichloroethane	0.839	0.870		3.69	20
Methylcyclohexane	0.513	0.488		-4.87	20
Benzene	1.188	1.190		0.17	20
1,2-Dichloroethane	0.320	0.341		6.56	20
Trichloroethene	0.306	0.298		-2.61	20
1,2-Dichloropropane	0.290	0.293		1.03	20
Bromodichloromethane	0.427	0.449		5.15	20
4-Methyl-2-Pentanone	0.209	0.216		3.35	20
Toluene	0.764	0.762		-0.26	20
t-1,3-Dichloropropene	0.407	0.626		53.81	20
cis-1,3-Dichloropropene	0.474	0.467		-1.48	20
1,1,2-Trichloroethane	0.219	0.223		1.83	20
2-Hexanone	0.153	0.155		1.31	20
Dibromochloromethane	0.290	0.300		3.45	20
1,2-Dibromoethane	0.204	0.199		-2.45	20
Tetrachloroethene	0.310	0.298		-3.87	20
Chlorobenzene	0.984	0.992	0.3	0.81	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	1.748	1.795		2.69	20
m/p-Xylenes	0.661	0.664		0.45	20
o-Xylene	0.646	0.644		-0.31	20
Styrene	1.091	1.098		0.64	20
Bromoform	0.195	0.200	0.1	2.56	20
Isopropylbenzene	3.627	3.705		2.15	20
1,1,2,2-Tetrachloroethane	0.644	0.647	0.3	0.47	20
1,3-Dichlorobenzene	1.563	1.582		1.22	20
1,4-Dichlorobenzene	1.551	1.548		-0.19	20
1,2-Dichlorobenzene	1.395	1.391		-0.29	20
1,2-Dibromo-3-Chloropropane	0.107	0.104		-2.8	20
1,2,4-Trichlorobenzene	0.848	0.790		-6.84	20
1,2,3-Trichlorobenzene	0.726	0.668		-7.99	20
1,2-Dichloroethane-d4	0.463	0.537		15.98	20
Dibromofluoromethane	0.283	0.319		12.72	20
Toluene-d8	1.049	1.151		9.72	20
4-Bromofluorobenzene	0.403	0.427		5.95	20

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