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.: P4397 SAS No.: P4397 SDG No.: P4397

Instrument ID: MSVOA_X Calibration Date/Time: 10/15/2024 08:26

Lab File ID: VX043389.D Init. Calib. Date(s): 10/01/2024 10/01/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:36 13:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.582	0.590		1.38	20
Chloromethane	0.599	0.601	0.1	0.33	20
Vinyl Chloride	0.600	0.609		1.5	20
Bromomethane	0.245	0.240		-2.04	20
Chloroethane	0.223	0.226		1.35	20
Trichlorofluoromethane	0.896	0.974		8.7	20
1,1,2-Trichlorotrifluoroethane	0.559	0.572		2.33	20
1,1-Dichloroethene	0.556	0.525		-5.58	20
Acetone	0.341	0.402		17.89	20
Carbon Disulfide	1.351	1.220		-9.7	20
Methyl tert-butyl Ether	1.987	2.048		3.07	20
Methyl Acetate	0.855	0.802		-6.2	20
Methylene Chloride	0.629	0.618		-1.75	20
trans-1,2-Dichloroethene	0.553	0.552		-0.18	20
1,1-Dichloroethane	1.069	1.082	0.1	1.22	20
Cyclohexane	0.881	0.871		-1.13	20
2-Butanone	0.468	0.495		5.77	20
Carbon Tetrachloride	0.516	0.526		1.94	20
cis-1,2-Dichloroethene	0.690	0.693		0.44	20
Bromochloromethane	0.422	0.381		-9.72	20
Chloroform	1.174	1.184		0.85	20
1,1,1-Trichloroethane	1.079	1.066		-1.21	20
Methylcyclohexane	0.548	0.566		3.29	20
Benzene	1.321	1.333		0.91	20
1,2-Dichloroethane	0.538	0.558		3.72	20
Trichloroethene	0.350	0.345		-1.43	20
1,2-Dichloropropane	0.324	0.329		1.54	20
Bromodichloromethane	0.511	0.536		4.89	20
4-Methyl-2-Pentanone	0.525	0.521		-0.76	20
Toluene	0.828	0.856		3.38	20
t-1,3-Dichloropropene	0.507	0.551		8.68	20
cis-1,3-Dichloropropene	0.544	0.569		4.6	20
1,1,2-Trichloroethane	0.329	0.339		3.04	20
2-Hexanone	0.397	0.405		2.02	20
Dibromochloromethane	0.382	0.397		3.93	20
1,2-Dibromoethane	0.353	0.362		2.55	20
Tetrachloroethene	0.347	0.351		1.15	20
Chlorobenzene	1.075	1.071	0.3	-0.37	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	1.858	1.881		1.24	20
m/p-Xylenes	0.702	0.704		0.28	20
o-Xylene	0.698	0.695		-0.43	20
Styrene	1.131	1.156		2.21	20
Bromoform	0.291	0.289	0.1	-0.69	20
Isopropylbenzene	3.887	3.875		-0.31	20
1,1,2,2-Tetrachloroethane	1.266	1.254	0.3	-0.95	20
1,3-Dichlorobenzene	1.666	1.690		1.44	20
1,4-Dichlorobenzene	1.718	1.673		-2.62	20
1,2-Dichlorobenzene	1.704	1.672		-1.88	20
1,2-Dibromo-3-Chloropropane	0.309	0.290		-6.15	20
1,2,4-Trichlorobenzene	0.983	1.042		6	20
1,2,3-Trichlorobenzene	1.014	1.025		1.09	20
1,2-Dichloroethane-d4	0.817	0.787		-3.67	20
Dibromofluoromethane	0.345	0.333		-3.48	20
Toluene-d8	1.195	1.128		-5.61	20
4-Bromofluorobenzene	0.434	0.429		-1.15	20

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