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

Lab Name: CHEMTECH Contract: TULL02

Lab Code: CHEM Case No.: P5279 SAS No.: P5279 SDG No.: P5279

Instrument ID: MSVOA_Y Calibration Date/Time: 12/20/2024 09:09

Lab File ID: VY020664.D Init. Calib. Date(s): 12/17/2024 12/17/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:01 14:51

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.625	0.623		-0.32	20
Chloromethane	0.463	0.405	0.1	-12.53	20
Vinyl Chloride	0.431	0.372		-13.69	20
Bromomethane	0.277	0.219		-20.94	20
Chloroethane	0.266	0.215		-19.17	20
Trichlorofluoromethane	0.901	0.877		-2.66	20
1,1,2-Trichlorotrifluoroethane	0.646	0.683		5.73	20
1,1-Dichloroethene	0.627	0.646		3.03	20
Acetone	0.125	0.112		-10.4	20
Carbon Disulfide	2.040	2.219		8.77	20
Methyl tert-butyl Ether	1.618	1.677		3.65	20
Methyl Acetate	0.373	0.402		7.78	20
Methylene Chloride	0.681	0.700		2.79	20
trans-1,2-Dichloroethene	0.703	0.742		5.55	20
1,1-Dichloroethane	1.306	1.384	0.1	5.97	20
Cyclohexane	1.249	1.227		-1.76	20
2-Butanone	0.204	0.195		-4.41	20
Carbon Tetrachloride	0.711	0.793		11.53	20
cis-1,2-Dichloroethene	0.809	0.845		4.45	20
Bromochloromethane	0.441	0.443		0.45	20
Chloroform	1.528	1.402		-8.25	20
1,1,1-Trichloroethane	1.200	1.268		5.67	20
Methylcyclohexane	0.837	0.899		7.41	20
Benzene	1.883	2.064		9.61	20
1,2-Dichloroethane	0.500	0.539		7.8	20
Trichloroethene	0.463	0.499		7.78	20
1,2-Dichloropropane	0.440	0.476		8.18	20
Bromodichloromethane	0.628	0.687		9.4	20
4-Methyl-2-Pentanone	0.302	0.310		2.65	20
Toluene	1.170	1.291		10.34	20
t-1,3-Dichloropropene	0.586	0.636		8.53	20
cis-1,3-Dichloropropene	0.694	0.769		10.81	20
1,1,2-Trichloroethane	0.308	0.334		8.44	20
2-Hexanone	0.194	0.205		5.67	20
Dibromochloromethane	0.411	0.454		10.46	20
1,2-Dibromoethane	0.286	0.306		6.99	20
Tetrachloroethene	0.470	0.508		8.09	20
Chlorobenzene	1.398	1.523	0.3	8.94	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	2.579	2.864		11.05	20
m/p-Xylenes	0.959	1.049		9.39	20
o-Xylene	0.895	0.981		9.61	20
Styrene	1.495	1.648		10.23	20
Bromoform	0.269	0.301	0.1	11.9	20
Isopropylbenzene	4.363	4.784		9.65	20
1,1,2,2-Tetrachloroethane	0.708	0.759	0.3	7.2	20
1,3-Dichlorobenzene	1.876	2.012		7.25	20
1,4-Dichlorobenzene	1.858	1.956		5.27	20
1,2-Dichlorobenzene	1.626	1.718		5.66	20
1,2-Dibromo-3-Chloropropane	0.115	0.117		1.74	20
1,2,4-Trichlorobenzene	0.983	1.015		3.26	20
1,2,3-Trichlorobenzene	0.831	0.845		1.68	20
1,2-Dichloroethane-d4	0.548	0.442		-19.34	20
Dibromofluoromethane	0.352	0.306		-13.07	20
Toluene-d8	1.233	1.077		-12.65	20
4-Bromofluorobenzene	0.482	0.406		-15.77	20

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