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.: P5299 SAS No.: P5299 SDG No.: P5299

Instrument ID: MSVOA_Y Calibration Date/Time: 12/18/2024 10:06

Lab File ID: VY020624.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	0.667		6.72	20
Chloromethane	0.463	0.541	0.1	16.85	20
Vinyl Chloride	0.431	0.514		19.26	20
Bromomethane	0.277	0.317		14.44	20
Chloroethane	0.266	0.326		22.56	20
Trichlorofluoromethane	0.901	0.981		8.88	20
1,1,2-Trichlorotrifluoroethane	0.646	0.725		12.23	20
1,1-Dichloroethene	0.627	0.702		11.96	20
Acetone	0.125	0.114		-8.8	20
Carbon Disulfide	2.040	2.319		13.68	20
Methyl tert-butyl Ether	1.618	1.763		8.96	20
Methyl Acetate	0.373	0.405		8.58	20
Methylene Chloride	0.681	0.726		6.61	20
trans-1,2-Dichloroethene	0.703	0.781		11.1	20
1,1-Dichloroethane	1.306	1.451	0.1	11.1	20
Cyclohexane	1.249	1.315		5.28	20
2-Butanone	0.204	0.201		-1.47	20
Carbon Tetrachloride	0.711	0.776		9.14	20
cis-1,2-Dichloroethene	0.809	0.885		9.39	20
Bromochloromethane	0.441	0.526		19.27	20
Chloroform	1.528	1.488		-2.62	20
1,1,1-Trichloroethane	1.200	1.333		11.08	20
Methylcyclohexane	0.837	0.899		7.41	20
Benzene	1.883	2.047		8.71	20
1,2-Dichloroethane	0.500	0.534		6.8	20
Trichloroethene	0.463	0.501		8.21	20
1,2-Dichloropropane	0.440	0.476		8.18	20
Bromodichloromethane	0.628	0.679		8.12	20
4-Methyl-2-Pentanone	0.302	0.306		1.33	20
Toluene	1.170	1.284		9.74	20
t-1,3-Dichloropropene	0.586	0.646		10.24	20
cis-1,3-Dichloropropene	0.694	0.767		10.52	20
1,1,2-Trichloroethane	0.308	0.324		5.2	20
2-Hexanone	0.194	0.204		5.16	20
Dibromochloromethane	0.411	0.445		8.27	20
1,2-Dibromoethane	0.286	0.306		6.99	20
Tetrachloroethene	0.470	0.514		9.36	20
Chlorobenzene	1.398	1.574	0.3	12.59	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	2.891		12.1	20
m/p-Xylenes	0.959	1.067		11.26	20
o-Xylene	0.895	1.001		11.84	20
Styrene	1.495	1.676		12.11	20
Bromoform	0.269	0.293	0.1	8.92	20
Isopropylbenzene	4.363	4.981		14.16	20
1,1,2,2-Tetrachloroethane	0.708	0.769	0.3	8.62	20
1,3-Dichlorobenzene	1.876	2.057		9.65	20
1,4-Dichlorobenzene	1.858	2.024		8.93	20
1,2-Dichlorobenzene	1.626	1.783		9.66	20
1,2-Dibromo-3-Chloropropane	0.115	0.119		3.48	20
1,2,4-Trichlorobenzene	0.983	1.120		13.94	20
1,2,3-Trichlorobenzene	0.831	0.948		14.08	20
1,2-Dichloroethane-d4	0.548	0.514		-6.2	20
Dibromofluoromethane	0.352	0.333		-5.4	20
Toluene-d8	1.233	1.198		-2.84	20
4-Bromofluorobenzene	0.482	0.430		-10.79	20

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