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.: P4578 SAS No.: P4578 SDG No.: P4578

Instrument ID: MSVOA_Y Calibration Date/Time: 10/29/2024 09:31

Lab File ID: VY020049.D Init. Calib. Date(s): 10/09/2024 10/09/2024

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:18 12:11

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.465	0.383		-17.63	20
Chloromethane	0.606	0.593	0.1	-2.14	20
Vinyl Chloride	0.667	0.694		4.05	20
Bromomethane	0.422	0.450		6.64	20
Chloroethane	0.448	0.501		11.83	20
Trichlorofluoromethane	0.992	1.025		3.33	20
1,1,2-Trichlorotrifluoroethane	0.577	0.614		6.41	20
1,1-Dichloroethene	0.536	0.519		-3.17	20
Acetone	0.160	0.195		21.88	20
Carbon Disulfide	1.438	1.194		-16.97	20
Methyl tert-butyl Ether	1.541	1.647		6.88	20
Methyl Acetate	0.345	0.400		15.94	20
Methylene Chloride	0.647	0.645		-0.31	20
trans-1,2-Dichloroethene	0.584	0.597		2.23	20
1,1-Dichloroethane	1.172	1.365	0.1	16.47	20
Cyclohexane	1.029	1.013		-1.55	20
2-Butanone	0.215	0.246		14.42	20
Carbon Tetrachloride	0.510	0.585		14.71	20
cis-1,2-Dichloroethene	0.721	0.800		10.96	20
Bromochloromethane	0.516	0.579		12.21	20
Chloroform	1.195	1.405		17.57	20
1,1,1-Trichloroethane	1.047	1.210		15.57	20
Methylcyclohexane	0.599	0.611		2	20
Benzene	1.439	1.633		13.48	20
1,2-Dichloroethane	0.413	0.464		12.35	20
Trichloroethene	0.348	0.373		7.18	20
1,2-Dichloropropane	0.360	0.422		17.22	20
Bromodichloromethane	0.522	0.617		18.2	20
4-Methyl-2-Pentanone	0.258	0.299		15.89	20
Toluene	0.898	1.046		16.48	20
t-1,3-Dichloropropene	0.470	0.538		14.47	20
cis-1,3-Dichloropropene	0.554	0.628		13.36	20
1,1,2-Trichloroethane	0.259	0.297		14.67	20
2-Hexanone	0.184	0.220		19.57	20
Dibromochloromethane	0.333	0.380		14.11	20
1,2-Dibromoethane	0.234	0.255		8.97	20
Tetrachloroethene	0.356	0.365		2.53	20
Chlorobenzene	1.144	1.294	0.3	13.11	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	2.077	2.430		17	20
m/p-Xylenes	0.767	0.886		15.52	20
o-Xylene	0.737	0.853		15.74	20
Styrene	1.244	1.454		16.88	20
Bromoform	0.207	0.236	0.1	14.01	20
Isopropylbenzene	4.206	4.808		14.31	20
1,1,2,2-Tetrachloroethane	0.747	0.845	0.3	13.12	20
1,3-Dichlorobenzene	1.802	1.973		9.49	20
1,4-Dichlorobenzene	1.771	1.931		9.03	20
1,2-Dichlorobenzene	1.584	1.731		9.28	20
1,2-Dibromo-3-Chloropropane	0.119	0.125		5.04	20
1,2,4-Trichlorobenzene	0.888	0.903		1.69	20
1,2,3-Trichlorobenzene	0.751	0.754		0.4	20
1,2-Dichloroethane-d4	0.616	0.598		-2.92	20
Dibromofluoromethane	0.330	0.325		-1.51	20
Toluene-d8	1.218	1.184		-2.79	20
4-Bromofluorobenzene	0.440	0.424		-3.64	20

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