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_Y Calibration Date/Time: 10/14/2024 09:52

Lab File ID: VY019882.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	0.410		-11.83	20
Chloromethane	0.606	0.563	0.1	-7.1	20
Vinyl Chloride	0.667	0.625		-6.3	20
Bromomethane	0.422	0.395		-6.4	20
Chloroethane	0.448	0.429		-4.24	20
Trichlorofluoromethane	0.992	0.941		-5.14	20
1,1,2-Trichlorotrifluoroethane	0.577	0.556		-3.64	20
1,1-Dichloroethene	0.536	0.492		-8.21	20
Acetone	0.160	0.179		11.88	20
Carbon Disulfide	1.438	1.214		-15.58	20
Methyl tert-butyl Ether	1.541	1.550		0.58	20
Methyl Acetate	0.345	0.359		4.06	20
Methylene Chloride	0.647	0.591		-8.65	20
trans-1,2-Dichloroethene	0.584	0.559		-4.28	20
1,1-Dichloroethane	1.172	1.193	0.1	1.79	20
Cyclohexane	1.029	0.912		-11.37	20
2-Butanone	0.215	0.229		6.51	20
Carbon Tetrachloride	0.510	0.501		-1.76	20
cis-1,2-Dichloroethene	0.721	0.713		-1.11	20
Bromochloromethane	0.516	0.554		7.36	20
Chloroform	1.195	1.236		3.43	20
1,1,1-Trichloroethane	1.047	1.041		-0.57	20
Methylcyclohexane	0.599	0.552		-7.85	20
Benzene	1.439	1.444		0.35	20
1,2-Dichloroethane	0.413	0.422		2.18	20
Trichloroethene	0.348	0.341		-2.01	20
1,2-Dichloropropane	0.360	0.376		4.44	20
Bromodichloromethane	0.522	0.553		5.94	20
4-Methyl-2-Pentanone	0.258	0.275		6.59	20
Toluene	0.898	0.919		2.34	20
t-1,3-Dichloropropene	0.470	0.484		2.98	20
cis-1,3-Dichloropropene	0.554	0.565		1.99	20
1,1,2-Trichloroethane	0.259	0.269		3.86	20
2-Hexanone	0.184	0.198		7.61	20
Dibromochloromethane	0.333	0.350		5.11	20
1,2-Dibromoethane	0.234	0.240		2.56	20
Tetrachloroethene	0.356	0.326		-8.43	20
Chlorobenzene	1.144	1.139	0.3	-0.44	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	2.048		-1.4	20
m/p-Xylenes	0.767	0.758		-1.17	20
o-Xylene	0.737	0.737		0	20
Styrene	1.244	1.264		1.61	20
Bromoform	0.207	0.205	0.1	-0.97	20
Isopropylbenzene	4.206	4.068		-3.28	20
1,1,2,2-Tetrachloroethane	0.747	0.756	0.3	1.21	20
1,3-Dichlorobenzene	1.802	1.733		-3.83	20
1,4-Dichlorobenzene	1.771	1.732		-2.2	20
1,2-Dichlorobenzene	1.584	1.540		-2.78	20
1,2-Dibromo-3-Chloropropane	0.119	0.112		-5.88	20
1,2,4-Trichlorobenzene	0.888	0.822		-7.43	20
1,2,3-Trichlorobenzene	0.751	0.689		-8.26	20
1,2-Dichloroethane-d4	0.616	0.619		0.49	20
Dibromofluoromethane	0.330	0.343		3.94	20
Toluene-d8	1.218	1.238		1.64	20
4-Bromofluorobenzene	0.440	0.447		1.59	20

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