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

Lab Name: CHEMTECH Contract: NEWY17

Lab Code: CHEM Case No.: P5051 SAS No.: P5051 SDG No.: P5051

Instrument ID: MSVOA_N Calibration Date/Time: 12/06/2024 10:26

Lab File ID: VN085118.D Init. Calib. Date(s): 12/06/2024 12/06/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:02 11:37

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

COMPOUND	RRF	RRF020	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	2.400	2.467		2.79	
Chloromethane	2.124	2.093		-1.46	
Vinyl Chloride	2.173	2.147		-1.2	
Bromomethane	1.380	1.334		-3.33	
Chloroethane	1.335	1.302		-2.47	
Trichlorofluoromethane	3.557	3.461		-2.7	
1,1,2-Trichlorotrifluoroethane	1.989	1.924		-3.27	
1,1-Dichloroethene	1.827	1.752		-4.11	
Acetone	0.243	0.228		-6.17	
Carbon Disulfide	5.461	5.368		-1.7	
Methyl tert-Butyl Ether	5.708	5.454		-4.45	
Methyl Acetate	2.155	2.062		-4.32	
Methylene Chloride	2.073	2.012		-2.94	
trans-1,2-Dichloroethene	1.899	1.799		-5.27	
1,1-Dichloroethane	3.541	3.416		-3.53	
Cyclohexane	0.552	0.563		1.99	
2-Butanone	0.222	0.217		-2.25	
Carbon Tetrachloride	0.591	0.587		-0.68	
cis-1,2-Dichloroethene	2.183	2.125		-2.66	
Chloroform	3.710	3.635		-2.02	
1,1,1-Trichloroethane	0.655	0.665		1.53	
Methylcyclohexane	0.526	0.481		-8.56	
Benzene	1.521	1.501		-1.32	
1,2-Dichloroethane	0.518	0.505		-2.51	
Trichloroethene	0.362	0.356		-1.66	
1,2-Dichloropropane	0.368	0.370		0.54	
Bromodichloromethane	0.565	0.554		-1.95	
4-Methyl-2-Pentanone	0.490	0.494		0.82	
Toluene	1.750	1.713		-2.11	
t-1,3-Dichloropropene	0.554	0.517		-6.68	
cis-1,3-Dichloropropene	0.604	0.590		-2.32	
1,1,2-Trichloroethane	0.356	0.355		-0.28	
2-Hexanone	0.371	0.376		1.35	
Dibromochloromethane	0.434	0.426		-1.84	
1,2-Dibromoethane	0.359	0.348		-3.06	
Tetrachloroethene	0.363	0.358		-1.38	
Chlorobenzene	1.080	1.056		-2.22	
Ethyl Benzene	1.857	1.739		-6.35	

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	RRF020	MIN RRF	%D	MAX%D
m/p-Xylenes	0.714	0.713		-0.14	
o-Xylene	0.671	0.648		-3.43	
Styrene	1.138	1.097		-3.6	
Bromoform	0.291	0.275		-5.5	
Isopropylbenzene	1.730	1.656		-4.28	
1,1,2,2-Tetrachloroethane	0.526	0.532		1.14	
1,3,5-Trimethylbenzene	1.482	1.441		-2.77	
1,3-Dichlorobenzene	0.795	0.765		-3.77	
1,4-Dichlorobenzene	0.775	0.742		-4.26	
1,2-Dichlorobenzene	0.750	0.721		-3.87	
1,2-Dibromo-3-Chloropropane	0.105	0.103		-1.9	
1,2,4-Trichlorobenzene	0.367	0.342		-6.81	
1,2,3-Trichlorobenzene	0.367	0.342		-6.81	
1,2-Dichloroethane-d4	2.380	2.393		0.55	
Toluene-d8	1.407	1.443		2.56	
4-Bromofluorobenzene	0.496	0.495		-0.2	

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