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

Lab Name: CHEMTECH Contract: EAEN05

Lab Code: CHEM Case No.: P4873 SAS No.: P4873 SDG No.: P4873

Instrument ID: MSVOA_X Calibration Date/Time: 11/26/2024 09:59

Lab File ID: VX044004.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.557		-12.01	20
Chloromethane	0.667	0.577	0.1	-13.49	20
Vinyl Chloride	0.709	0.640		-9.73	20
Bromomethane	0.436	0.401		-8.03	20
Chloroethane	0.432	0.419		-3.01	20
Trichlorofluoromethane	1.268	1.122		-11.51	20
1,1,2-Trichlorotrifluoroethane	0.605	0.557		-7.93	20
1,1-Dichloroethene	0.576	0.507		-11.98	20
Acetone	0.394	0.399		1.27	20
Carbon Disulfide	1.188	0.975		-17.93	20
Methyl tert-butyl Ether	2.092	1.897		-9.32	20
Methyl Acetate	0.917	0.867		-5.45	20
Methylene Chloride	0.668	0.585		-12.43	20
trans-1,2-Dichloroethene	0.595	0.523		-12.1	20
1,1-Dichloroethane	1.161	1.059	0.1	-8.79	20
Cyclohexane	0.956	0.839		-12.24	20
2-Butanone	0.508	0.499		-1.77	20
Carbon Tetrachloride	0.500	0.496		-0.8	20
cis-1,2-Dichloroethene	0.735	0.667		-9.25	20
Bromochloromethane	0.511	0.489		-4.3	20
Chloroform	1.249	1.140		-8.73	20
1,1,1-Trichloroethane	1.077	1.015		-5.76	20
Methylcyclohexane	0.578	0.547		-5.36	20
Benzene	1.387	1.336		-3.68	20
1,2-Dichloroethane	0.557	0.527		-5.39	20
Trichloroethene	0.393	0.332		-15.52	20
1,2-Dichloropropane	0.340	0.332		-2.35	20
Bromodichloromethane	0.482	0.498		3.32	20
4-Methyl-2-Pentanone	0.537	0.541		0.75	20
Toluene	0.830	0.805		-3.01	20
t-1,3-Dichloropropene	0.491	0.495		0.81	20
cis-1,3-Dichloropropene	0.539	0.534		-0.93	20
1,1,2-Trichloroethane	0.343	0.328		-4.37	20
2-Hexanone	0.403	0.418		3.72	20
Dibromochloromethane	0.344	0.360		4.65	20
1,2-Dibromoethane	0.346	0.346		0	20
Tetrachloroethene	0.330	0.317		-3.94	20
Chlorobenzene	1.098	1.032	0.3	-6.01	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	1.861	1.798		-3.38	20
m/p-Xylenes	0.694	0.667		-3.89	20
o-Xylene	0.678	0.654		-3.54	20
Styrene	1.121	1.130		0.8	20
Bromoform	0.240	0.254	0.1	5.83	20
Isopropylbenzene	3.843	3.671		-4.48	20
1,1,2,2-Tetrachloroethane	1.316	1.267	0.3	-3.72	20
1,3-Dichlorobenzene	1.670	1.597		-4.37	20
1,4-Dichlorobenzene	1.702	1.597		-6.17	20
1,2-Dichlorobenzene	1.685	1.660		-1.48	20
1,2-Dibromo-3-Chloropropane	0.264	0.261		-1.14	20
1,2,4-Trichlorobenzene	0.994	0.956		-3.82	20
1,2,3-Trichlorobenzene	1.006	0.995		-1.09	20
1,2-Dichloroethane-d4	0.858	0.810		-5.59	20
Dibromofluoromethane	0.357	0.363		1.68	20
Toluene-d8	1.232	1.221		-0.89	20
4-Bromofluorobenzene	0.419	0.423		0.95	20

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