Alliance TECHNICAL GROUP
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.: P4718 SAS No.: P4718 SDG No.: P4718

Instrument ID: MSVOA_N Calibration Date/Time: 11/14/2024 09:54

Lab File ID: VN084842.D Init. Calib. Date(s): 10/30/2024 10/30/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:46 13:45

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.575	0.573		-0.35	20
Chloromethane	0.952	0.649	0.1	-31.83	20
Vinyl Chloride	0.618	0.704		13.92	20
Bromomethane	0.328	0.344		4.88	20
Chloroethane	0.488	0.457		-6.35	20
Trichlorofluoromethane	1.018	1.101		8.15	20
1,1,2-Trichlorotrifluoroethane	0.575	0.605		5.22	20
1,1-Dichloroethene	0.569	0.578		1.58	20
Acetone	0.238	0.224		-5.88	20
Carbon Disulfide	1.753	1.595		-9.01	20
Methyl tert-butyl Ether	1.745	1.942		11.29	20
Methyl Acetate	1.172	0.687		-41.38	20
Methylene Chloride	0.635	0.652		2.68	20
trans-1,2-Dichloroethene	0.585	0.598		2.22	20
1,1-Dichloroethane	1.102	1.128	0.1	2.36	20
Cyclohexane	0.997	0.993		-0.4	20
2-Butanone	0.337	0.338		0.3	20
Carbon Tetrachloride	0.525	0.586		11.62	20
cis-1,2-Dichloroethene	0.683	0.720		5.42	20
Bromochloromethane	0.439	0.442		0.68	20
Chloroform	1.121	1.197		6.78	20
1,1,1-Trichloroethane	1.021	1.100		7.74	20
Methylcyclohexane	0.478	0.569		19.04	20
Benzene	1.507	1.597		5.97	20
1,2-Dichloroethane	0.488	0.528		8.2	20
Trichloroethene	0.348	0.361		3.74	20
1,2-Dichloropropane	0.354	0.387		9.32	20
Bromodichloromethane	0.526	0.568		7.99	20
4-Methyl-2-Pentanone	0.406	0.431		6.16	20
Toluene	0.882	0.979		11	20
t-1,3-Dichloropropene	0.544	0.568		4.41	20
cis-1,3-Dichloropropene	0.576	0.622		7.99	20
1,1,2-Trichloroethane	0.332	0.352		6.02	20
2-Hexanone	0.296	0.328		10.81	20
Dibromochloromethane	0.378	0.419		10.85	20
1,2-Dibromoethane	0.340	0.354		4.12	20
Tetrachloroethene	0.333	0.364		9.31	20
Chlorobenzene	1.119	1.180	0.3	5.45	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	1.867	2.143		14.78	20
m/p-Xylenes	0.707	0.810		14.57	20
o-Xylene	0.661	0.781		18.15	20
Styrene	1.154	1.325		14.82	20
Bromoform	0.293	0.325	0.1	10.92	20
Isopropylbenzene	3.504	3.958		12.96	20
1,1,2,2-Tetrachloroethane	1.170	1.145	0.3	-2.14	20
1,3-Dichlorobenzene	1.838	1.791		-2.56	20
1,4-Dichlorobenzene	1.937	1.765		-8.88	20
1,2-Dichlorobenzene	1.766	1.712		-3.06	20
1,2-Dibromo-3-Chloropropane	0.237	0.214		-9.7	20
1,2,4-Trichlorobenzene	0.967	0.881		-8.89	20
1,2,3-Trichlorobenzene	0.939	0.866		-7.77	20
1,2-Dichloroethane-d4	0.722	0.657		-9	20
Dibromofluoromethane	0.338	0.320		-5.32	20
Toluene-d8	1.247	1.188		-4.73	20
4-Bromofluorobenzene	0.466	0.459		-1.5	20

All other compounds must meet a minimum RRF of 0.010.
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