

Combined uncertainty in the theoretical values (%) for the EMEP laboratory intercomparison Round 34

Sample type G	H+	SO4-S	NO3-N	Na	NH4-N	Cl	Mg	Ca	K	pH	Cond.
G1	0.67	0.73	1.16	0.94	0.67	0.66	0.20	0.20	0.67	0.67	0.71
G2	0.75	1.04	1.16	0.97	0.63	0.62	0.20	0.50	0.63	0.75	0.82
G3	0.21	0.40	0.35	0.33	0.20	0.26	0.20	0.26	0.20	0.21	0.26
G4	0.23	0.43	0.55	0.30	0.45	0.21	0.20	0.26	0.22	0.23	0.31

Sample type H	As	Cd	Cr	Cu	Ni	Pb	Zn
H1	0.79	0.69	0.62	0.65	0.82	0.65	0.60
H2	0.73	0.72	0.59	0.50	0.58	0.59	0.63
H3	0.60	0.72	0.50	0.60	0.61	0.49	0.47
H4	0.66	0.66	0.59	0.66	0.62	0.50	0.45

Sample type A	SO2
A1	1.0
A2	1.0
A4	1.0
A5	0.9

Sample type B	SO2	HNO3
B1	3.9	3.8
B2	3.0	3.0
B4	1.3	1.3
B5	1.2	1.2

Sample type C	NO2
C1	0.18
C2	0.18
C3	0.21
C4	0.19

Sample type J	NH3
J 1	3.3
J 2	3.1
J 4	2.0
J 5	1.7