



EMEP 40th intercomparison of analytical methods - % deviation from expected value

Air and aerosols																
Lab #	Impregnated filter				Impregnated filter				Absorbing solution				Impregnated filter			
	SO ₂ -S				HNO ₃ -N				NO ₂ -N				NH ₃ -N			
	% deviation form expected value				% deviation form expected value				% deviation form expected value				% deviation form expected value			
	B2	B3	B5	B6	B2	B3	B5	B6	C1	C2	C3	C4	J2	J3	J5	J6
3													1	24	23	13
4	-17	-18	-13	-11	-9	-5	-5	-4					-5	-4	1	-2
5	1	5	2	1	-2	2	0	0					-7	-6	-12	-4
6	1	4	0	0	-7	-5	-4	-5					0	-14	2	-1
8	-1	-1	1	0	-5	-1	-3	-3					9	5	11	13
10	-3	14	16	10	-11	-11	-15	-16	16	19	0	13	-3	-7	-8	-11
12									1	0	-1	0				
15	-5	-4	-3	-2	-5	-4	-3	-4	-8	-9	-7	-7	1	2	-1	1
16	-4	0	-2	-3	5	10	7	5	3	2	-1	0	-11	-3	-14	0
19													-2	-5	-3	-1
20	-5	2	-2	-3	-10	-2	-6	-8	1	-1	-5	-2				
23									-2	-1	1	1				
31	-5	-3	-4	-5	-2	1	1	1	7	5	6	5	0	-18	-16	-7
32	-3	-2	-5	-3	-7	-8	-4	-5	4	6	4	5	-6	-5	3	0
33	-6	-8	-7	-4	-5	-2	-3	-1	21	8	-3	0	4	12	3	4
34	-19	-19	-15	-17	-9	-7	-3	-1	-100	-13	-1	-5	-36	-30	-36	
35	2	3	0	1	1	4	3	4					5	6	14	8
38	19	25	22	15	0	4	9	5					8	10	11	10
39	0	-5	0	1	-4	-8	-1	0					-1	-2	-1	-2
110									1	3	3	1				
158	-6	-6	-7	-7	-5	-3	-4	-5					-5	-2	-8	-4
183									4	5	3	3				
184									0	-1	0	0				
185									1	1	1	1				
187									-5	-1	3	2				
188									4	2	2	2				
189									0	2	1	2				
193									4	1	-3	-3				
198									1	0	-3	1				
200	-7	-5	-3	-3	-7	-3	-3	-4	0	0	0	0	-6	-7	-5	-4
201	-17	-31	-41	-65					0	2	11	-1				
203									8	6	3	4				
208	10	15	-7	-6	1	7	-13	-14	52	49	46	50				


 Results between ±10-20% of the expected value for sample type C
 more than ±20% of the expected value for sample type C


 Results between ±20-40% of the expected value for sample type B and J
 more than ±40% of the expected value for sample type B and J