



EMEP 42nd 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			
	B1	B3	B4	B5	B1	B3	B4	B5	C1	C2	C3	C4	J2	J3	J4	J5
3													-1	-1	2	-3
4	-11	-8	-8	-8	-7	-7	-6	-9								
5	-5	0	0	0	-7	-1	0	-7					-10	-10	-6	-16
6	-5	-4	-3	0	-4	-3	-1	1					-3	-4	-11	-7
8	-3	0	0	0	-5	-5	-4	-6					13	9	20	17
10	-7	-3	-1	-2	-8	-6	-2	-7	4	17	-7	2	-4	-11	-16	-22
12									4	3	3	2				
15	1	-1	0	1	-1	-1	1	1	-4	-6	-4	-6	-2	-4	0	-6
16	-4	-4	-2	0	-4	-3	-6	-2	-3	-2	-1	-2	3	-4	0	-7
19									-3	-3	-3	-3	-11	-6	-18	-15
20	-3	-3	-3	-2	-4	-5	-6	-4	2	2	2	1				
22	-17	-17	-16	-20	20	20	21	25	-10	-9	-10	-11				
31	-3	-4	-4	-4	2	-2	-2	-1	3	3	2	3	-7	-10	-8	-9
32	-3	-2	-8	-4	-2	-1	0	-12	4	3	5	5	5	2	21	6
33	-6	0	0	-1	-35	-26	-22	-33	10	16	9	9	-15	-11	-11	-7
34	-2	-6	-10	-7	-10	-10	-9	-17	-7	-9	-5	-8	-25	-24	-23	-31
35	0	-1	0	1	1	0	2	2					7	5	6	4
38	11	5	6	10	5	3	5	8					-13	-13	-11	-13
39	-3	-3	-3	1	-1	-3	-2	-2					-19	-8	-11	30
42	-5	-4	-4	-5	-4	-5	-9	-6	-3	-7	-6	-8				
110	-8	-6	-3	-7	4	-3	-2	-14								
158	-29	-34	-28	-28	-28	-29	-30	-28					-5	-6	-12	-11
178									-3	-42	-7	-2				
183									4	1	6	0				
184									3	0	3	1				
185									0	-1	6	0				
187									4	2	4	5				
188									-1	-3	0	4				
189									2	1	4	3				
193									4	6	3	6				
198									2	0	2	1				
200									1	0	0	0	-7	-9	-6	-11
201									11	18	13	16				
203									4	4	4	4				


 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