



EMEP 39th 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	B2	B4	B5	B1	B2	B4	B5	C1	C2	C3	C4	J2	J3	J5	J6
3													-3	-3	5	-2
4	-9	-8	-13	-8	-4	-3	-8	-3					-5	-4	-3	-3
5	4	2	7	5	0	-1	-1	0					-8	-6	-7	-5
6	3	2	0	0	-3	-2	1	-1					-15	-14	-13	-13
8	1	0	0	1	-2	-3	-3	-6					9	6	11	7
10	-2	-12	-3	0	-6	-3	-9	-2	-6	-3	-4	0	-2	-4	-3	-1
15	-4	-3	-5	-3	-1	-1	1	-1	12	14	11	11	-2	-1	-1	1
16	-2	-2	-1	1	7	4	3	9	-1	3	1	-1	-13	-11	-4	-3
19									-6	-4	-6	-5	5	12	9	7
20	-1	-1	-1	-1	-2	-3	-4	-2	-2	-1	-1	-2	0	1	0	1
22	123	78	10	31	23	26	9	16	-14	-70	-34	-54				
23									1	2	2	2				
31	-1	-3	4	3	-3	-5	-3	-1	5	8	8	8	-10	-9	6	1
32	-10	-7	0	-7	2	-9	-10	5	1	0	2	0	-6	-3	-5	-3
33	-6	-8	-8	-4	-6	-4	-7	-4	21	25	19	20	-8	-6	-5	-4
34	36	15	33	20	84	65	118	92	-26	-21	-21	-22	-46	-42	-35	-34
38	-7	-5	-7	-6	-4	-2	-2	-1					2	4	3	5
39	-3	-3	-2	-2	2	1	0	2					-9	-4	-4	-1
42									0	0	0	-1				
110									2	4	3	4				
178	-21	-23	-25	-25	-7	-10	-18	-13	-4	-3	-4	-7				
183									-4	-3	4	-2				
184									0	-1	0	-2				
185									-5	-4	-6	-4				
187									-4	-4	-4	-4				
188									-7	-7	-7	-6				
193									0	0	3	-1				
198									5	3	10	3				
200	0	-1	0	-1	-3	-3	-4	-3	0	1	0	0	-6	-5	-4	-3
201	-40	-62	17	-21					-3	-3	-1	-2				
203									2	1	2	-1				


 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