



EMEP 37th 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	B3	B4	B1	B2	B3	B4	C1	C2	C3	C4	J2	J4	J5	J6
3																
4	-5	-6	-9	-6	-8	-10	-8	-6					-5	-4	-5	-30
5	3	8	0	3	4	3	-2	1					-6	-4	-2	-3
6	-9	-3	-7	-5	5	5	0	2					-8	-11	-10	-12
8	-7	1	-2	0	0	-1	-3	-2					2	0	-3	1
10	-85	-90	-91	-90	-91	-91	-91	-91	-5	-6	-9	-14	-98	-97	-97	-98
15	6	1	-3	-1	6	0	-1	0	-3	-5	-3	-2	15	6	2	-1
16	-4	-4	-7	-6	3	2	-2	0	-2	-4	-1	-2	1	-2	-1	5
19									1	0	1	0	4	3	2	5
19									1	-1	0	1				
20	1	1	-2	-1	-5	-6	-12	-6	1	0	-4	-4	1	-2	-3	-1
23									1	0	0	0				
31	2	-1	-5	-1	2	-2	-4	-5	10	8	5	8	-10	-3	-9	-8
32	11	1	-8	-3	0	-7	-10	-9	7	2	3	8	0	1	-2	-4
33	-4	-3	-3	-1	-3	-5	-1	2	10	4			0	-6	-2	-2
38	3	4	-1	2	4	0	-1	1					19	16	16	20
39	-14	-10	-8	-8	-21	-23	-11	-12					-1	-1	-3	-2
42									-2	-10	1	-29				
158	1	-76	-4	-2	2	-78	-1	-1					-7	-9	-10	-8
174	-95	-95	-93	-93	-90	-97	-94	-90	4	11	-25	-49				
178	542	464	1093	840	-1	0	0	-3								
183									6	-1	3	4				
184									3	-1	-1	0				
185									3	-1	-1	-1				
186									3	0	-1	0				
187									0	-2	0	-1				
188									1	-2	-3	-2				
189									2	0	-2	0				
192									3	2	4	3				
193									1	0	0	-1				
194									0	-1	0	-1				
196									1	0	0	-2				
197									1	2	5	2				
198									3	1	-1	1				
200	-4	-3	-6	-3	1	-2	-4	-3	2	0	0	0	-6	-7	-8	-7
201									3	-1	1	-3				
203									3	1	4	3				
206									9	13	8	7				


 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