

EMEP 43nd 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													-3	-4	6	-3
4													-12	-11	-2	-11
5	-9	-7	-15	-14	-10	-2	-1	1					1	-6	-3	-9
6	-33	-20	-26	-21	-13	-6	7	-3					-17	-13	-9	-20
8	-10	1	-6	0	-11	0	-1	-1					13	8	5	4
10	-17	-9	-9	-13	-24	-14	-10	-12	-6	-6	-4	-5	13	13	17	11
12									0	1	-2	1				
13	-83	50	59	54	14	-5	-28	-11					-23	-3	-5	-17
15	-11	-1	-3	-22	-7	2	3	-4	-8	-8	-7	-6	-8	-1	-1	-5
16	-20	-3	-6	-6	-11	0	2	2	-5	-1	-1	-2	10	-7	2	4
19									4	4	4	5	-53	-57	-31	-43
20	-7	0	-2	-10	-36	-30	-28	-30	0	1	3	1				
22	-83	-68	-53	-46	-1	20	16	13	-7	-1	8	2				
31	-7	-1	4	-5	-9	0	2	2	-50	-49	-50	-49	1	-4	-6	-12
33	17	25	15	17	-13	-1	0	5	0	1	-2	-3	1	15	1	-5
34	-31	-13	-4	-18	-14	-1	-2	-1	233	237	247	227	-21	-16	-17	-13
35													13	5	6	2
38	28	25	19	16	-16	-12	-9	-10					19	3	8	7
39	-16	-3	-12	-11	-11	-5	1	0					-17	-41	-3	-22
42									-2	1	8	0				
110									1	2	2	1				
158	-22	-14	-13	-10	-15	-6	-9	-4					-2	1	4	-2
178	-15	-3	-7	-9	-12	-6	1	0	-14	-62	-72	9				
183									0	2	1	3				
184									0	3	3	1				
185									-1	3	1	4				
187									4	3	3	2				
188									-4	2	1	5				
189									5	4	5	3				
193									7	4	5	3				
198									4	4	4	3				
200	-7	5	3	1	-11	-4	-10	-3	-1	1	1	1	-1	-4	0	-6
201									1	3	2	1				
203									1	3	3	3				

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