



EMEP 29th intercomparison of analytical methods - % deviation from expected value

Lab #	Air and aerosols																			
	Absorbing solution				Impregnated filter				Impregnated filter				Absorbing solution				Impregnated filter			
	SO ₂ -S				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				% deviation form expected value			
A 1	A 2	A 3	A 5	B1	B 2	B 4	B 5	B1	B 2	B 4	B 5	C1	C2	C3	C4	J1	J 2	J 5	J 6	
3					1	-2	0	5	5	-2	-6	2	-5	-3	-3	-4	7	1	-5	-7
4					-8	-9	-3	-1	-9	-10	-11	-5					-2	-27	3	-9
5					-4	-2	0	-25	0	-5	5	-3					-3	-5	-2	-10
8					-2	-4	-2	3	2	-8	1	-8	-2	-3	-1	-2	5	4	-2	-3
10													-5	-14	-15	-11	-99	-99	-99	-99
12													0	5	7	4				
13																	2	-3	4	-4
15	19	17	18	12	3	-6	10	-8	31	-4	6	-2	2	-2	-7	-12	2	-9	3	-11
16					-4	-5	-2	7	-3	-16	0	1					-6	1	1	-18
19	20	19	29	33									61	49	47	42	9	-1	4	-13
20					-21	-15	-5	1	-30	-21	-31	-11					-2	-2	-6	-7
22					-3	-3	16	2	6	3	22	13		-1	-4	-4				
23	-6	-3	-13	-10									200	197	193	197				
24					-11	-9	-9	0	-5	-12	0	-12	9	-1	8	11	58	-34	4	140
31					6	-1	2	-7	-3	-9	3	-9	0	0	0	-1	10	4	9	12
32					-13	-10	-3	21	-10	-9	4	-6	0	5	3	8	-8	-1	5	-3
33					11	8	3	-9	18	-18	8	-37	14	10	12	11	2	7	12	-10
35													0	0	-3	1				
36	10	14	8	6	3	4	2	0	7	0	-2	-1	-4	-3	0	4	-9	-8	-10	-14
39					-10	-7	-7	0	0	-3	4	-6	-5	-4	-5	-2	-11	-7	-4	-13
47	-15	-17	-16	-15	-99	-99	-99	-99	-99	-99	-99	-99	21	12	5	3	-94	-95	-94	-95
158					10	6	10	14	4	-2	-5	2					-17	-20	-19	-19
159	68	59	73	79																
164					-14	-4	3	-27	-8	0	-4	1								
165					-1	-6	-5	-3	2	-4	-6	-3					-9	1	4	-14
172					-15	-6	2	17	-7	-11	-2	-5					10	6	-1	-2
173	-20	-38	43	-20									-4	-4	-4	-4				
178	-2	-3	-1	2	-10	0	6	-2	1	-6	2	-5					-4	-17	-12	-16
180																	-5	-8	-1	-27


 Results between 10 and 20% or between -20 and -10% from expected value for Sample type A and C
 more than ±20% from expected value


 Results between 20 and 40% or between -40 and -20% from expected value for Sample type B and J
 more than ±20% from expected value