

Sampling date	Cl ⁻ ($\mu\text{g m}^{-3}$)	NO ₃ ⁻ ($\mu\text{g m}^{-3}$)	SO ₄ ²⁻ ($\mu\text{g m}^{-3}$)	Na ⁺ ($\mu\text{g m}^{-3}$)	NH ₄ ⁺ ($\mu\text{g m}^{-3}$)	K ⁺ ($\mu\text{g m}^{-3}$)	Mg ²⁺ ($\mu\text{g m}^{-3}$)	Ca ²⁺ ($\mu\text{g m}^{-3}$)
14 Oct	0.64	2.40	10.21	0.20	4.93	0.62	0.05	0.55
15 Oct	0.38	1.72	10.51	0.18	4.63	0.60	0.03	0.50
16 Oct	0.27	1.62	9.01	0.25	4.03	0.48	0.08	0.65
19 Oct	0.65	2.39	15.90	0.20	7.99	0.58	0.03	0.41
20 Oct	0.24	1.09	10.22	0.31	4.33	0.51	0.05	0.48
21 Oct	0.19	0.83	7.95	0.23	3.15	0.51	0.08	0.52
22 Oct	0.23	0.80	9.71	0.29	3.78	0.38	0.08	0.50
23 Oct	0.56	2.65	15.92	0.18	9.13	0.70	0.005	0.25
Average	0.40	1.69	11.18	0.23	5.25	0.55	0.05	0.48

Sampling date	$f_{\text{inorg}}^{\text{a}}$ (%)	$f_{\text{SO}_4}^{2-}$ (%)	f_{EC} (%)	WSOC/OC (%)	Mean κ	Mean $\kappa_{\text{org}}^{\text{b}}$	Mean $\kappa_{\text{OOA}}^{\text{b}}$
$(D_0 = 100 \text{ nm})$							
14 Oct	42.1	21.9	15.3	79.9	0.114	0.030	0.054
15 Oct	41.1	23.3	11.1	64.8	0.202	0.118	0.185
16 Oct	28.6	15.7	11.7	66.4	0.161	0.133	0.256
19 Oct	26.6	15.0	5.9	60.2	0.265	0.229	0.450
20 Oct	30.3	18.0	11.3	61.5	0.271	0.236	0.443
21 Oct	26.4	15.6	11.0	56.9	0.193	0.148	0.283
22 Oct	42.9	26.4	15.8	59.5	0.265	0.212	0.376
23 Oct	24.6	13.3	4.4	59.6	0.217	0.184	0.337
Average	30.5	17.2	10.8	63.6	0.211	0.161	0.298