

	2015 ^a	2003	2011	2013–2014	2012–2013	2011	2012–2013	2008–2009	2009–2010
	this study	Zhang et al. (2007)	Zhao et al. (2015)	Li et al. (2016)	Lai et al. (2016)	Tao et al. (2014a)	Zhang et al. (2015)	Huang et al. (2013)	P. S. Zhao et al. (2013)
	Winter	Spring	Spring	Winter	Winter	Winter	Winter	Winter	Winter
	Yangtze River channel ^b	Northern South China Sea	East China Sea	Taiwan Strait	Guangzhou (rural)	Chengdu	Wuhan	Shanghai	Beijing
Al	0.86	0.31	3.28	3.00	0.21	0.43	–	0.64	1.03
Ca	2.72	0.82	2.40	2.00	0.11	0.26	2.27	0.72	1.85
Fe	1.64	0.32	1.37	1.30	0.16	0.61	1.42	0.56	1.55
Mg	0.63	0.11	0.83	2.40	2.30	0.16	0.61	0.26	0.57
As	0.04	–	0.01	–	–	0.02	0.04	0.02	0.01
Cd	0.00	–	–	–	–	0.00	0.01	–	–
Cr	0.02	0.03	–	0.60	–	0.01	0.01	0.02	0.01
Cu	0.02	–	0.01	–	0.03	0.03	0.03	0.04	0.04
Mn	0.06	–	0.01	0.70	0.03	0.07	0.13	0.04	0.09
Ni	0.01	–	0.01	0.90	–	0.00	0.01	0.01	0.01
Pb	0.10	0.16	0.02	0.70	0.09	0.20	0.24	0.06	0.15
V	0.01	–	0.02	–	–	0.00	–	0.01	–
Zn	0.30	–	0.07	0.60	0.27	0.32	0.37	0.13	0.30