

Table S1. PAHs atmospheric concentrations (ng·m⁻³) on PM_{2.5} and meteorological conditions in Centro site (2009–2010).

PAHs	Warm-dry season (<i>n</i> =4)		Rainy season (<i>n</i> =14)		Cold-dry season (<i>n</i> =5)		Annual period (<i>n</i> =23)	
	Mean±SD	Median (10-90th)	Mean±SD	Median (10-90th)	Mean±SD	Median (10-90th)	Mean±SD	Median (10-90th)
Acy	0.11±0.07	0.07 (0.06-0.17)	0.15±0.16	0.06 (0.03-0.33)	0.10 ^a	-	0.13±0.12	0.07 (0.04-0.30)
Acn	n.d.	-	0.05±0.05	0.03 (0.02-0.11)	0.09±0.08	0.06 (0.04-0.16)	0.07±0.06	0.06 (0.02-0.14)
Flu	n.d.	-	0.11±0.09	0.08 (0.05-0.20)	0.17±0.16	0.13 (0.04-0.33)	0.14±0.13	0.10 (0.04-0.27)
Phe	0.13±0.05	0.12 (0.09-0.18)	0.12±0.15	0.09 (0.02-0.18)	0.29±0.47	0.09 (0.05-0.72)	0.16±0.24	0.09 (0.02-0.20)
Ant	0.03±0.01	0.03 (0.02-0.04)	0.03±0.02	0.03 (0.01-0.06)	0.02±0.00	0.02 (0.02-0.03)	0.03±0.02	0.02 (0.01-0.04)
Flt	0.19±0.07	0.18 (0.14-0.26)	0.14±0.13	0.10 (0.05-0.25)	0.13±0.04	0.14 (0.08-0.16)	0.15±0.11	0.14 (0.05-0.26)
Pyr	0.21±0.08	0.20 (0.15-0.29)	0.17±0.16	0.13 (0.05-0.29)	0.24±0.19	0.18 (0.13-0.42)	0.19±0.16	0.18 (0.05-0.32)
BaA	0.30±0.15	0.26 (0.19-0.43)	0.30±0.35	0.14 (0.08-0.66)	0.28±0.09	0.26 (0.19-0.37)	0.29±0.28	0.25 (0.08-0.49)
Chry	0.38±0.16	0.36 (0.25-0.54)	0.32±0.35	0.16 (0.09-0.65)	0.26±0.09	0.25 (0.18-0.35)	0.32±0.28	0.25 (0.09-0.58)
BbF	0.52±0.20	0.51 (0.33-0.71)	0.64±0.73	0.40 (0.14-1.85)	0.66±0.29	0.70 (0.36-0.88)	0.62±0.57	0.53 (0.17-0.92)
BkF	0.35±0.13	0.34 (0.23-0.47)	0.41±0.42	0.24 (0.13-1.02)	0.56±0.22	0.62 (0.34-0.72)	0.43±0.35	0.33 (0.15-0.74)
BaP	0.40±0.20	0.36 (0.24-0.60)	0.51±0.58	0.25 (0.09-1.62)	0.50±0.20	0.51 (0.31-0.68)	0.49±0.44	0.40 (0.09-0.84)
IcdP	0.90±0.37	0.91 (0.55-1.24)	1.13±1.31	0.68 (0.21-3.03)	1.04±0.43	1.06 (0.62-1.38)	1.07±1.02	0.91 (0.25-1.65)
BghiP	1.22±0.51	1.18 (0.77-1.72)	1.38±1.55	0.69 (0.31-3.00)	1.81±0.74	1.82 (1.15-2.46)	1.45±1.27	0.96 (0.35-2.82)
HMW	3.39±1.40	3.30 (2.12-4.73)	3.84±4.47	1.92 (0.73-10.1)	4.56±1.78	4.71 (2.83-6.01)	3.92±3.58	2.73 (0.82-6.58)
MMW	1.09±0.45	0.99 (0.74-1.51)	0.94±0.99	0.49 (0.29-1.84)	0.91±0.37	0.83 (0.58-1.28)	0.96±0.80	0.80 (0.29-1.65)
LMW	0.23±0.12	0.25 (0.12-0.34)	0.25±0.25	0.20 (0.02-0.96)	0.56±0.56	0.28 (0.13-1.19)	0.31±0.34	0.21 (0.04-0.79)
C-PAHs	2.46±1.03	2.38 (1.55-3.44)	2.76±3.31	1.39 (0.50-7.79)	3.03±1.21	3.15 (1.81-4.01)	2.77±2.63	2.05 (0.56-4.21)
Σ14PAHs	4.71±1.92	4.56 (3.01-6.54)	5.02±5.63	2.69 (1.10-12.2)	6.03±2.52	6.28 (3.58-8.26)	5.19±4.54	3.96 (1.23-8.99)
T(°C)	23.9± 2.2	-	22.5± 1.8	-	19.4± 2.0	-	23.0± 2.4	-
RH(%)	44.8±22.0	-	62.4±16.6	-	56.4± 9.2	-	58.0±17.0	-

^a was determined once, SD: standard deviation, n.d.: not determined, warm-dry season (January to May 2009), rainy season (June to September 2009), cold-dry season (October 2009 to January 2010).