

Table S2. PAHs atmospheric concentrations (ng·m⁻³) on PM_{2.5} and meteorological conditions in Miravalle site (2009–2010).

PAHs	Warm-dry season (<i>n</i> =5)		Rainy season (<i>n</i> =11)		Cold-dry season (<i>n</i> =3)		Annual period (<i>n</i> =19)	
	Mean±SD	Median (10-90th)	Mean±SD	Median (10-90th)	Mean±SD	Median (10-90th)	Mean±SD	Median (10-90th)
Acy	0.17±0.06	0.19 (0.12-0.23)	0.06±0.06	0.06 (0.01-0.12)	n.d.	-	0.12±0.08	0.12 (0.01-0.20)
Ace	n.d.	-	0.04±0.03	0.03 (0.02-0.07)	0.05 ^a	-	0.04±0.03	0.03 (0.02-0.07)
Flu	n.d.	-	0.14±0.08	0.14 (0.08-0.20)	0.15 ^b	-	0.14±0.06	0.14 (0.09-0.20)
Phe	0.21±0.05	0.20 (0.17-0.26)	0.20±0.30	0.10 (0.04-0.32)	0.24 ^c	-	0.21±0.24	0.16 (0.05-0.26)
Ant	0.09±0.11	0.04 (0.03-0.19)	0.02±0.01	0.02 (0.01-0.04)	0.04 ^d	-	0.05±0.07	0.03 (0.01-0.05)
Flt	0.40±0.25	0.25 (0.20-0.69)	0.13±0.06	0.14 (0.08-0.20)	0.13±0.14	0.13 (0.05-0.21)	0.21±0.18	0.18 (0.06-0.36)
Pyr	0.46±0.28	0.31 (0.23-0.77)	0.22±0.28	0.15 (0.08-0.30)	0.20±0.22	0.20 (0.07-0.32)	0.29±0.28	0.20 (0.07-0.76)
BaA	0.67±0.47	0.40 (0.29-1.19)	0.22±0.15	0.21 (0.10-0.31)	0.37±0.43	0.37 (0.13-0.62)	0.36±0.34	0.22 (0.09-0.82)
Chry	0.86±0.48	0.64 (0.44-1.39)	0.29±0.16	0.30 (0.13-0.41)	0.30±0.34	0.30 (0.11-0.50)	0.45±0.38	0.35 (0.11-0.86)
BbF	1.33±0.68	1.14 (0.69-2.07)	0.52±0.47	0.46 (0.19-0.82)	0.77±0.90	0.77 (0.26-1.28)	0.77±0.65	0.56 (0.17-1.81)
BkF	0.81±0.45	0.60 (0.42-1.31)	0.43±0.31	0.32 (0.21-0.65)	0.62±0.81	0.62 (0.16-1.08)	0.56±0.41	0.51 (0.17-1.20)
BaP	1.03±0.66	0.64 (0.50-1.76)	0.52±0.34	0.35 (0.20-0.96)	0.96±1.26	0.96 (0.25-1.67)	0.71±0.57	0.53 (0.18-1.74)
IcdP	2.05±1.09	1.77 (1.00-3.21)	0.89±0.77	0.77 (0.30-1.52)	0.86 ^e	-	1.25±0.99	0.87 (0.31-2.91)
BghiP	2.08±1.02	1.75 (1.17-3.20)	1.12±1.02	1.00 (0.44-1.81)	1.66±2.7	1.66 (0.50-2.83)	1.45±1.14	1.03 (0.37-3.22)
HMW	7.31±3.88	5.84 (3.80-11.5)	3.40±2.86	3.10 (1.40-5.49)	4.45±5.65	4.45 (1.25-7.64)	4.60±3.65	3.55 (1.14-10.8)
MMW	2.40±1.47	1.47 (1.21-4.02)	0.87±0.51	0.87 (0.39-1.68)	1.00±1.13	1.00 (0.36-1.65)	1.31±1.11	1.03 (0.33-2.44)
LMW	0.47±0.12	0.42 (0.39-0.60)	0.28±0.38	0.13 (0.08-0.42)	0.24±0.34	0.24 (0.05-0.43)	0.33±0.32	0.27 (0.05-0.54)
C-PAHs	5.89±3.33	4.48 (2.92-9.51)	2.50±2.00	2.27 (1.07-3.95)	3.15±4.02	3.15 (0.88-5.43)	3.52±2.87	2.74 (0.88-8.05)
Σ14PAHs	10.2±5.32	7.73 (5.50-16.0)	4.55±3.29	4.37 (1.95-6.99)	5.69±7.12	5.69 (1.66-9.72)	6.24±4.74	4.71 (1.58-13.6)
T(°C)	24.4±1.9	-	22.2±1.3	-	21.0±3.2	-	22.7±2.0	-
RH(%)	50.1±19.5	-	72.9±15.7	-	59.5±14.6	-	65.1±18.9	-

^{a,b,c,d,e} 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).