

Table S1. Ambient Air Quality Monitoring Analyzers Technical Specifications

	Parameters					
	SO ₂ /H ₂ S		O ₃		NO/NO _x	BTEX
Model No.	APSA-360	APSA-370	APOA-360	APOA-370	APNA-370	Synspec GC 955-601
Principle	UV fluorescence		UV absorption		Chemiluminescence	Photo ionization detection method.
Measuring ranges	0-0.05/0.1/0.2/0.5 ppm 4 ranges selectable auto range ~ manual range selectable		0-0.1/0.2/0.5/1.0 ppm 4 ranges selectable auto range ~ manual range selectable		0-0.1/0.2/0.5/1.0 ppm 4-ranges selectable auto range ~ selectable	up to 300 ppb
Lower detectable limit (LDL)	0.50 ppb		0.50 ppb		0.50 ppb	0.1 ppb

Table S2. PME Prescribed Concentrations and Values for Ambient Air Quality

Parameter	Time-weighted average µg/m ³ (ppm)	Averaging time	Number of allowable exceedances
NO	660 (0.35)	1 h	2 times per 30 d
NO ₂	660 (0.35)	1 h	2 times per 30 d
SO ₂	730 (0.28)	1 h	2 times per annum
O ₃	235(0.12)	1 h	2 times per 30 d

Table S3. Descriptive Statistics of BTEX Concentrations (ppbV)

Pollutant	Location	Min.	25 th %	Median	Mean	St.Dev.	75 th %	Max.	St.Diff.*
BTEX	Residential	2.25	2.51	2.75	3.26	1.2	4.21	8.65	Yes
	Industrial	3.15	3.62	3.82	4.45	1.5	5.62	17.42	
	Terminal	4.32	4.88	6.54	8.65	1.6	10.45	18.44	



Fig. S1. Map of sampling sites and monitoring stations at residential, industrial, and terminal areas.