

## Supplementary information

### Characteristics and source apportionment of volatile organic compounds in different functional zones in a coastal city of Southeast China

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Table S1. Percentage of missing data in different functional zones.

	BT (%)	HT (%)	IUE (%)	LB (%)	RJ (%)	XY (%)
Propene	5.08	1.72	3.33	7.27	10.34	0.00
Isobutane	0.00	0.00	0.00	0.00	0.00	0.00
1-Butene	16.95	15.52	16.67	18.18	13.79	16.67
n-Butane	0.00	0.00	0.00	0.00	0.00	0.00
cis-2-Butene	1.69	0.00	0.00	0.00	1.72	0.00
trans-2-Butene	1.69	0.00	0.00	0.00	1.72	0.00
iso-Pentane	0.00	0.00	0.00	0.00	0.00	0.00
1-Pentene	0.00	0.00	0.00	0.00	0.00	0.00
n-Pentane	0.00	0.00	0.00	0.00	0.00	0.00
trans-2-Pentene	1.69	0.00	0.00	0.00	0.00	0.00
cis-2-Pentene	1.69	6.90	5.00	0.00	3.45	0.00
2,2-Dimethylbutane	3.39	6.90	3.33	5.45	1.72	1.85
2,3-Dimethylbutane	11.86	10.34	11.67	12.73	10.34	11.11
2-Methylpentane	0.00	0.00	0.00	0.00	0.00	0.00
Cyclopentane	0.00	0.00	3.33	0.00	3.45	1.85
3-Methylpentane	0.00	1.72	1.67	1.82	3.45	0.00
1-Hexene	3.39	1.72	5.00	7.27	3.90	9.26
n-Hexane	1.69	1.72	1.67	5.45	3.45	3.70
2,4-Dimethylpentane	6.78	0.00	0.00	1.82	0.00	1.85
Methylcyclopentane	0.00	0.00	0.00	0.00	0.00	0.00
2-Methylhexane	8.47	8.62	10.00	10.91	8.62	9.26
Cyclohexane	1.69	1.72	3.33	0.00	0.00	0.00
2,3-Dimethylpentane	3.39	0.00	3.33	0.00	0.00	0.00
3-Methylhexane	1.69	0.00	1.67	0.00	0.00	0.00
Benzene	0.00	0.00	0.00	0.00	0.00	0.00
2,3,4-Trimethylpentane	15.25	15.52	16.67	18.18	13.79	16.67
n-Heptane	0.00	0.00	0.00	0.00	0.00	0.00
Cyclohexylmethane	0.00	0.00	0.00	0.00	0.00	0.00
2,3,4-Trimethylpentane	5.08	0.00	3.33	0.00	0.00	0.00
2-Methylheptane	3.39	0.00	1.67	0.00	3.45	0.00
3-Methylheptane	0.00	0.00	0.00	1.82	0.00	0.00
Toluene	0.00	0.00	0.00	0.00	0.00	0.00
n-Octane	1.69	0.00	0.00	0.00	0.00	1.85
Ethylbenzene	0.00	0.00	0.00	0.00	0.00	0.00
m/p-Xylene	0.00	0.00	0.00	0.00	0.00	0.00
n-Nonane	0.00	1.72	1.67	3.64	1.72	1.85
o-Xylene	0.00	0.00	0.00	0.00	0.00	0.00
Isopropylbenzene	0.00	0.00	0.00	0.00	0.00	0.00
n-Propylbenzene	0.00	1.72	0.00	1.82	1.72	0.00
p-Ethylmethylbenzene	13.56	15.52	11.67	12.73	8.62	11.11

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n-Decane	5.08	0.00	8.33	3.64	3.45	5.56
o-Ethylmethylbenzene	5.08	1.72	1.67	3.64	0.00	1.85
1,3,5-Trimethylbenzene	6.78	1.72	3.33	1.82	1.72	0.00
1,2,3-Trimethylbenzene	18.64	15.52	16.67	18.18	17.24	16.67
m- Diethylbenzene	6.78	12.07	16.67	5.45	10.34	5.56
p-Diethylbenzene	6.78	12.07	11.67	7.27	8.62	11.11
n-Undecane	3.39	0.00	5.00	1.82	5.17	1.85
n-Dodecane	5.08	0.00	0.00	0.00	1.72	0.00

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