

Table 4.3a

Summary of Correlation Coefficients at the Three Monitoring Stations

	VOCs					Carbonyls		PAHs				
	1	2	3	4	5	6	7	8	9	10	11	
Central & Western Station												
<i>1,3-Butadiene</i>	1	1.00	0.69	0.70	0.61	0.76	0.28	0.02	-0.29	-0.19	-0.06	0.05
<i>Tetrachloroethylene</i>	2		1.00	0.48	0.69	0.39	0.11	-0.16	-0.07	-0.07	-0.28	0.05
<i>Benzene</i>	3			1.00	0.48	0.39	0.66	0.20	0.22	0.50	0.60	0.70
<i>Methyl chloride</i>	4				1.00	0.31	-0.15	-0.16	0.03	0.41	0.51	0.63
<i>Trichloroethylene</i>	5					1.00	0.27	0.00	-0.40	-0.27	-0.34	-0.17
<i>Acetaldehyde</i>	6						1.00	0.53	0.37	0.52	0.41	0.57
<i>Formaldehyde</i>	7							1.00	-0.02	0.22	0.14	0.18
<i>Anthracene</i>	8								1.00	0.77	0.59	0.48
<i>Benzo(a)anthracene</i>	9									1.00	0.78	0.77
<i>Benzo(a)pyrene</i>	10										1.00	0.87
<i>Chrysene</i>	11											1.00
Tsuen Wan Station												
<i>1,3-Butadiene</i>	1	1.00	-0.06	0.39	-0.04	0.25	0.21	0.17	-0.46	-0.56	-0.18	-0.31
<i>Tetrachloroethylene</i>	2		1.00	0.53	0.05	0.26	0.22	-0.14	0.03	0.15	0.50	0.53
<i>Benzene</i>	3			1.00	0.04	0.36	0.48	0.02	0.54	0.49	0.80	0.75
<i>Methyl chloride</i>	4				1.00	0.40	-0.14	-0.11	-0.06	0.00	0.15	0.22
<i>Trichloroethylene</i>	5					1.00	0.55	0.48	-0.14	-0.30	0.38	0.29
<i>Acetaldehyde</i>	6						1.00	0.82	0.26	0.05	0.61	0.56
<i>Formaldehyde</i>	7							1.00	-0.01	-0.22	0.28	0.22

