Appendix 1 – Puntual Data

Tab.1 – Final summerized data for the characterization of lignin like compounds in the particulate matter.

SAMPLES	PM 2005			PM 2007						
	A	P	PM	A	P	WAP	HClAP	W	HCl	PM
Mn	215,5	528,4		204,2	678,0	497,7	253,8			
Mw	349,4	1177,5		279,7	1428,2	1075,3	1084,0			
Mn/Mw	1,4	2,2		1,4	2,1	2,2	4,3			
ZEISEL pg/mg eq. vanillic alcohol	478,3		1804,3	1237,7						5644,9
pg/mg vanillin	0,6			0,4						
pg/mg isoeugenol	<0,9			<7,8						
pg/mg 4-hydroxi-3-methoxy acetophenone	3,1			56,4						
pg/mg veratric acid	10,1			5,5						
pg/mg vanillic acid	7,7			10,7						
pg/mg siringic acid	0,6			4,7						
pg/mg trans-4-hydroxy-3-methoxy cinnamic acid	<0,9			<3,3						
pg/mg sinapic acid	9,7			28,6						
Tot. Markers (pg/mg)	31,8			106,3						
Mono/Di-saccharide	found									
fragment of vanillic acid	122			nd		nd	nd	nd	nd	
fragment of lignin model compounds:β-O-4 (M=320.4); β-β (M=350.4); 4-methylcatechol; guaiacol	124			nd		124	nd	nd	nd	
4-hydroxybenzoic acid	nd			nd		137	nd	nd	nd	
Coumaric acid; fragment of chelidonic acid	139			nd		139	nd	nd	nd	
4-VINYLGUAIACOL; fragment of acetovanillone	150			nd		150	nd	nd	nd	
anisic acid; 2-hydroxyphenilacetic acid; vanillin;fragment of dimeric lignin model compounds: β-β (M=358.4); β-5 (M=358.4)	nd			nd		151	nd	nd	nd	
ISOEUGENOL; p-COUMARIC ACID	163			nd		163	nd	163	nd	
acetovanillone; FRAGMENT OF β-O-4 (M=320.4)	nd			nd		165	nd	nd	nd	
vanillic acid	167			nd		167	nd	nd	167,0	
CONIFERYL ALDEHYDE; 4-METHOXYCINNAMIC ACID; METHYL p-COUMARATE	nd			nd		178	nd	nd	nd	
phenilmalonic acid;Coniferyl alcohol; Guaiacylacetone; 3-Guaiacylpropanal;Methyl-p-Hydrocumarate	nd			nd		179	179	nd	nd	
SYRINGALDEHYDE; VERATRIC ACID;FRAGMENT OF β-β (M=418.4)	nd			nd		181	nd	nd	nd	
SYRINGALDEHYDE; METHYL VANILLATE; VANILLYL ETHANOL; VERATRIC ACID	nd			nd		182	nd	182	nd	
SYRINGYLPROP-2-ENE	nd			nd		nd	194	194	194	
fragment of β-O-4 (M=320.4; 350.4);Acetosyringone; Homosyringaldehyde; 3-Guaiacylpropanoic Acid Methyl Homovanillate	nd			196		196	196	196	196	
HOMOSYRINGIL ALCOHOL; SYRINGIC ACID	nd			198		198	198	198	198	
SINAPYL ALCOHOL; SYRINGYLACETONE; 3-SYRINGYLPROPANAL	209			209		209	nd	209	nd	
sinapic acid	nd			223		nd	nd	nd	nd	
FRAGMENT OF β-β (M=350.4)	226			226		nd	226	226	nd	
FRAGMENT OF β-O-4 (M=320.4)	nd			nd		271,4	271,4	nd	nd	
FRAGMENT OF β-β (M=350.4)	nd			nd		301,4	301,4	nd	nd	
FRAGMENT OF β-5 (M=358.4)	nd			nd		309,5	nd	nd	nd	
FRAGMENT OF β-β (M=358.4)	nd			311,5		311,5	311,5	nd	nd	
β-O-4 (M=320.4)	nd			nd		319,4	nd	nd	nd	
FRAGMENT OF β-β (M=358.4);β-5 (M= 358.4)	327,4			nd		nd	nd	nd	nd	
FRAGMENT OF β-5 (M= 358.4)	nd			nd		nd	339,4	nd	339,4	
FRAGMENT OF β-β (M=358.4)	nd			nd		nd	342,4	nd	nd	
β-O-4 (M=350.4)	nd			nd		nd	nd	nd	nd	
β-β (M=358.4); β-5 (M=358.4)	nd			nd		nd	nd	nd	nd	
CONIFERYL ALCOHOL'S DIMERS	358,9			nd		358,9	nd	nd	nd	
FRAGMENT OF β-β (M=418.4)	nd			nd		371,5	371,5	nd	nd	
CONIFERYL ALCOHOL'S DIMERS	nd			nd		377,2	nd	nd	nd	
FRAGMENT OF β-β (M=418.4)	nd			nd		387,4	nd	nd	nd	
CONIFERYL ALCOHOL'S TRIMERS	nd			nd		393,4	nd	nd	nd	
FRAGMENT OF β-β (M=418.4)	nd			nd		nd	nd	nd	nd	
CONIFERYL ALCOHOL'S TETRAMERS	415,4			nd		415,4	nd	nd	415,4	
β-β (M=418.4)	417,4			nd		nd	nd	nd	417,4	
Spruce dioxane lignin	nd			nd		nd	nd	nd	nd	
CONIFERYL ALCOHOL'S TRIMERS	nd			nd		537,1	nd	nd	nd	
Spruce dioxane lignin; CONIFERYL ALCOHOL'S TRIMERS	551			nd		nd	nd	nd	nd	
CONIFERYL ALCOHOL'S TRIMERS	nd			nd		556,1	nd	nd	nd	
Spruce dioxane lignin	nd			nd		581	nd	nd	nd	
TRIMERS OF Eucaliptus globulus dioxane lignin	nd			nd		613	nd	nd	613	
Spruce dioxane lignin	nd			nd		675	nd	nd	nd	

LEGEND		
	A	ESTRACT WITH ETHYL ACETATE
	P	ESTRACT (RESIDUAL WITH ETHYL ACETATE) WITH PYRIDINE
	WAP	ESTRACT (RESIDUAL WITH WATER; ETHYL ACETATE) IN PYRIDINE
	HClAP	ESTRACT (RESIDAL WITH HCl 0.1 M; ETHYL ACETATE) IN PYRIDINE
	PM	PARTICOLAR MATTER
	W	ESTRACT WITH WATER
	HCl	ESTRACT WITH HCl 0.1 M

Tab.2 - Concentration values of PAHs for nightly and daily sampling expressed in ng/m^3.

Date	27-28 June	27-28-29-30 June	19 July	27-28 July	27-28 July	28-29 July	
Sampling Type	daily	nightly	daily	daily	nightly	nightly	
Concentration	ng/m^3	ng/m^3	ng/m^3	ng/m^3	ng/m^3	ng/m^3	mean
Pyrene	0.250	0.104	0.376	0.104	0.135	0.090	0.176
Chrysene	0.103	0.043	0.143	0.046	0.084	0.057	0.079
Benzo[a]anthracene	0.065	0.033	0.088	0.024	0.046	0.031	0.048
Benzo[e]pyrene	0.079	0.057	0.095	0.030	0.048	0.055	0.061
Benzo[b]fluoranthene	0.079	0.049	0.054	0.032	0.049	0.053	0.053
Benzo[k]fluoranthene	0.029	0.017	0.014	0.012	0.016	0.020	0.018
Benzo[a]pyrene	0.051	0.028	0.022	0.019	0.030	0.031	0.030
Indeno[1,2,3-c,d]perylene	0.045	0.035	0.018	0.018	0.026	0.035	0.030

Tab.3 - Concentration values of PAHs for nightly and daily sampling expressed in ng/mg.

Date	27-28 June	27-28-29-30 June	19 July	27-28 July	27-28 July	28-29 July	
Sampling Type	daily	nightly	daily	daily	nightly	nightly	
Concentration	ng/mg	ng/mg	ng/mg	ng/mg	ng/mg	ng/mg	mean
Pyrene	2.018	2.758	7.643	1.365	1.929	1.367	2.847
Chrysene	0.831	1.141	2.910	0.601	1.205	0.872	1.260
Benzo[a]anthracene	0.523	0.863	1.798	0.315	0.651	0.476	0.771
Benzo[e]pyrene	0.642	1.512	1.929	0.393	0.684	0.837	1.000
Benzo[b]fluoranthene	0.640	1.309	1.098	0.422	0.696	0.803	0.828
Benzo[k]fluoranthene	0.234	0.459	0.276	0.154	0.223	0.312	0.276
Benzo[a]pyrene	0.416	0.753	0.451	0.251	0.422	0.473	0.461
Indeno[1,2,3-c,d]perylene	0.363	0.924	0.375	0.233	0.376	0.528	0.467

Tab.4 - Concentration values of Oxy-PAHs for nightly and daily PM10 samples expressed in ng/m^3.

Date	27-28 June	27-28-29-30 June	19 July	27-28 July	27-28 July	28-29 July	
Sampling Type	daily	nightly	daily	daily	nightly	nightly	
Concentration	ng/m^3	ng/m^3	ng/m^3	ng/m^3	ng/m^3	ng/m^3	mean
9.10-Phenanthraquinone	0.027	0.018	0.014	0.114	0.061	0.086	0.053
Anthraquinone	1.032	0.402	0.124	0.075	0.212	0.182	0.338
Benzo[a]pyrene-1.6-dione	0.049	0.003	0.008	0.016	0.023	0.006	0.018
Benzo[a]pyrene-3.6-dione	0.025	0.004	0.004	0.011	0.013	0.003	0.010
Benzo[a]pyrene-6.12-dione	0.056	0.011	n.d.	0.007	0.003	0.001	0.016
Σ Benzo[a]pyrene-diones	0.131	0.018	0.012	0.034	0.040	0.010	0.041
Benzo[a]anthracene-7.12-dione	0.078	0.016	0.027	0.030	0.069	0.027	0.041
Σ Diones	1.268	0.454	0.177	0.252	0.381	0.306	0.473

Tab.5 - Concentration values of Oxy-PAHs for nightly and daily PM10 samples expressed in ng/mg.

Date	27-28 June	27-28-29-30 June	19 July	27-28 July	27-28 July	28-29 July	
Sampling Type	daily	nightly	daily	daily	nightly	nightly	
Concentration	ng/mg	ng/mg	ng/mg	ng/mg	ng/mg	ng/mg	mean
9.10-Phenanthraquinone	0.216	0.365	0.186	3.012	0.925	1.232	0.522
Anthraquinone	8.345	8.168	1.618	1.973	3.234	2.606	3.553
Benzo[a]pyrene-1.6-dione	0.396	0.067	0.104	0.430	0.357	0.089	0.224
Benzo[a]pyrene-3.6-dione	0.205	0.076	0.056	0.294	0.204	0.038	0.105
Benzo[a]pyrene-6.12-dione	0.455	0.232	n.d.	0.174	0.050	0.010	0.172
Σ Benzo[a]pyrene-diones	1.055	0.375	0.161	0.899	0.611	0.137	0.472

Tab.6 - Values of net radiation and ozone for the city of Milan compared with the concentration of PM10 for the sampling at Torre Sarca Station.

Date	27-28 June	27-28-29-30 June	19 July	27-28 July	27-28 July	28-29 July
Sampling type	daily	nightly	daily	daily	nightly	nightly
Net radiation (W/m^2)	378.9	7.8	397.8	351.1	33.7	29.7
Ozone ($\mu g/m^3$)	77.3	56.3	38.8	71.3	47.6	41.5
PM10 ($\mu g/m^3$)	123.7	37.8	49.2	76.5	70.0	65.5

Type	indoor	indoor	outdoor	outdoor	indoor	indoor	outdoor	outdoor	indoor	indoor	outdoor	outdoor	indoor	indoor	outdoor	outdoor
ng/m3	**1**	**2**	**1**	**2**	**3**	**4**	**3**	**4**	**5**	**6**	**5**	**6**	**7**	**8**	**7**	**8**
m3	55,025	55,037	55,08	55,087	55,098	55,058	55,085	55,085	55,137	55,108	55,09	55,085	55,011	55,016	55,086	55,086
mg	0,491	0,973	1,045	0,545	0,683	1,525	0,800	2,321	0,601	0,884	1,590	1,394	0,701	1,202	2,551	2,112
ug/m3 PM	8,92	17,69	18,97	9,90	12,40	27,70	14,53	42,13	10,90	16,04	28,87	25,30	12,74	21,85	46,31	38,34
PHE	0,030	0,258	0,035	0,028	0,025	0,013	0,019	0,049	0,009	0,026	0,037	0,080	0,025	0,022	0,044	0,058
ANT	ND	ND	0,009	0,008	0,007	ND	0,007	0,011	0,006	0,007	0,009	0,013	0,007	0,008	0,010	0,014
AQ	0,701	0,907	0,845	0,917	0,699	0,776	0,794	1,151	0,831	ND	0,902	1,325	1,020	0,763	1,506	1,453
FLNT	0,087	0,233	0,055	0,110	0,036	0,033	0,032	0,076	0,037	0,027	0,062	0,094	0,052	0,043	0,112	0,148
PYR	0,060	0,132	0,071	0,152	0,041	0,039	0,040	0,090	0,040	0,029	0,082	0,113	0,067	0,049	0,146	0,180
BaA	0,045	0,053	0,102	0,179	0,032	0,041	0,049	0,069	0,041	0,018	0,052	0,049	0,075	0,043	0,158	0,176
CPcdP	0,073	0,079	0,093	0,251	0,042	0,056	0,065	0,091	0,044	0,024	0,057	0,052	0,093	0,060	0,195	0,204
CHR	0,062	0,088	0,125	0,176	0,045	0,056	0,066	0,102	0,047	0,026	0,074	0,068	0,095	0,059	0,175	0,199
BZAT	0,549	0,785	1,526	2,121	0,391	0,836	0,792	1,186	0,848	0,134	0,836	1,123	1,802	0,601	3,044	3,068
BaA-7,12D	0,063	0,066	0,076	0,079	0,063	0,076	0,077	0,098	0,095	ND	0,071	0,073	0,109	0,060	0,139	0,129
BbF	0,106	0,091	0,333	0,269	0,100	0,137	0,114	0,158	0,136	0,029	0,103	0,089	0,316	0,164	0,436	0,478
BkF	0,033	0,019	0,142	0,067	0,027	0,033	0,045	0,049	0,038	0,014	0,038	0,025	0,074	0,058	0,115	0,123
BeP	0,069	0,056	0,181	0,134	0,064	0,079	0,074	0,096	0,073	0,025	0,072	0,055	0,159	0,099	0,215	0,236
BaP	0,033	0,021	0,145	0,103	0,032	0,039	0,033	0,044	0,045	0,011	0,027	0,022	0,107	0,060	0,172	0,175
I123cdP	0,025	0,022	0,071	0,045	0,030	0,029	0,030	0,037	0,055	ND	0,027	0,021	0,065	0,044	0,083	0,087
dBahA	ND	ND	0,016	0,016	ND	ND	ND	ND	0,009	ND	ND	ND	0,027	0,013	0,038	0,037
BghiP	0,030	0,019	0,141	0,088	0,057	0,054	0,048	0,068	0,085	ND	0,047	0,026	0,152	0,101	0,237	0,236
Σ10PAH	**0,475**	**0,447**	**1,349**	**1,327**	**0,430**	**0,523**	**0,524**	**0,716**	**0,573**	**0,146**	**0,497**	**0,407**	**1,163**	**0,700**	**1,822**	**1,951**
Σ14PAH	**0,653**	**1,070**	**1,520**	**1,626**	**0,539**	**0,608**	**0,621**	**0,942**	**0,666**	**0,236**	**0,686**	**0,707**	**1,315**	**0,821**	**2,134**	**2,350**
ΣOxyPAH	**1,313**	**1,757**	**2,448**	**3,117**	**1,153**	**1,688**	**1,663**	**2,436**	**1,774**	**0,134**	**1,810**	**2,521**	**2,932**	**1,423**	**4,689**	**4,651**
Σ17	**1,966**	**2,827**	**3,968**	**4,743**	**1,692**	**2,296**	**2,284**	**3,379**	**2,439**	**0,370**	**2,496**	**3,228**	**4,246**	**2,244**	**6,823**	**7,001**

Tab.7 - PM2.5, expressed in ng/m^3, obtained from the analysis of PAHs, Oxy-PAHs and Nitro-PAHs compounds.

Type	indoor	indoor	outdoor	outdoor	indoor	indoor	outdoor	outdoor	indoor	indoor	outdoor	outdoor	indoor	indoor	outdoor	outdoor
ng/m3	1	2	1	2	3	4	3	4	5	6	5	6	7	8	7	8
m3	54,882	54,9	55,1	55,1	55,091	55,093	55,099	55,101	55,131	55,016	55,098	55,104	54,964	55,014	55,101	55,102
mg	0,385	0,734	0,423	0,701	0,428	0,960	0,591	1,562	0,499	0,694	0,989	0,939	1,212	0,617	1,745	1,120
ug/m3 PM	7,01	13,36	7,68	12,72	7,76	17,43	10,72	28,35	9,05	12,61	17,95	17,05	22,05	11,22	31,67	20,33
PHE	0,531	0,496	0,042	0,082	0,036	0,084	0,020	0,052	0,071	0,051	0,044	0,037	0,029	0,016	0,041	0,067
ANT	0,018	0,012	0,010	0,016	0,008	0,010	0,007	0,011	0,010	0,007	0,012	0,009	0,005	0,004	0,010	0,015
AQ	0,626	0,626	1,052	1,161	0,624	0,624	0,838	1,145	0,623	0,625	0,771	0,860	0,417	0,416	0,899	1,441
FLNT	0,295	0,337	0,112	0,128	0,055	0,134	0,041	0,088	0,071	0,066	0,058	0,057	0,051	0,042	0,073	0,123
PYR	0,192	0,184	0,149	0,160	0,060	0,143	0,048	0,096	0,080	0,076	0,074	0,072	0,063	0,052	0,094	0,153
BaA	0,238	0,083	0,142	0,111	0,045	0,072	0,039	0,054	0,048	0,036	0,035	0,031	0,067	0,073	0,095	0,149
CPcdP	0,224	0,123	0,212	0,106	0,059	0,098	0,054	0,079	0,056	0,043	0,041	0,035	0,080	0,085	0,117	0,173
CHR	0,196	0,123	0,149	0,136	0,054	0,091	0,054	0,084	0,056	0,050	0,052	0,045	0,075	0,083	0,121	0,177
BZAT	2,198	1,421	1,765	1,498	0,824	1,622	0,463	0,801	1,111	0,640	0,382	0,381	1,639	1,138	1,209	2,821
BaA-7,12D	0,047	0,158	0,076	0,090	0,077	0,123	0,059	0,091	0,093	0,070	ND	ND	0,107	0,070	0,083	0,121
BbF	0,315	0,158	0,201	0,239	0,152	0,240	0,088	0,105	0,177	0,083	0,058	0,042	0,284	0,274	0,273	0,393
BkF	0,061	0,036	0,048	0,078	0,036	0,051	0,030	0,035	0,043	0,021	0,020	0,015	0,059	0,062	0,079	0,099
BeP	0,167	0,086	0,108	0,125	0,083	0,123	0,058	0,065	0,090	0,044	0,041	0,036	0,126	0,132	0,140	0,206
BaP	0,107	0,043	0,074	0,074	0,062	0,076	0,037	0,028	0,062	0,014	0,014	0,015	0,103	0,109	0,099	0,134
I123cdP	0,047	0,027	0,032	0,041	0,049	0,048	0,027	0,026	0,053	0,022	ND	ND	0,056	0,057	0,060	0,072
dBahA	0,006	0,006	ND	ND	0,006	0,006	ND	ND	0,006	0,006	ND	ND	0,004	0,004	0,017	0,030
BghiP	0,127	0,048	0,050	0,069	0,125	0,138	0,043	0,029	0,132	0,029	0,019	0,004	0,144	0,158	0,140	0,199
Σ10PAH	**1,489**	**0,734**	**1,016**	**0,978**	**0,672**	**0,945**	**0,428**	**0,506**	**0,723**	**0,350**	**0,279**	**0,222**	**1,000**	**1,036**	**1,142**	**1,632**
Σ14PAH	**2,525**	**1,763**	**1,330**	**1,364**	**0,830**	**1,317**	**0,544**	**0,753**	**0,955**	**0,551**	**0,467**	**0,398**	**1,148**	**1,150**	**1,360**	**1,990**
ΣOxyPAH	**2,871**	**2,205**	**2,893**	**2,749**	**1,525**	**2,369**	**1,359**	**2,036**	**1,828**	**1,335**	**1,153**	**1,242**	**2,163**	**1,625**	**2,191**	**4,383**
Σ17	**5,395**	**3,968**	**4,223**	**4,113**	**2,355**	**3,685**	**1,903**	**2,789**	**2,783**	**1,886**	**1,620**	**1,640**	**3,311**	**2,775**	**3,551**	**6,374**

Tab.8 - PM1, expressed in ng/m^3, obtained from the analysis of PAHs, Oxy-PAHs and Nitro-PAHs compounds.

Tab.9 - Concentration expressed in $\mu m/m^3$ for different four sites of the Urban Area of Milan in the summer and wintertime.

SUMMER-AUTUMN		OUTDOOR		INDOOR	
		PM1	PM2.5	PM1	PM2.5
1	MEAN	15	20	10	14
	STD	3	4	3	4
	N VALUES	12	12	13	13
	MEAN STD	1	1	1	1
2	MEAN	12	18	10	13
	STD	4	8	2	3
	N VALUES	13	13	13	13
	MEAN STD	1	2	1	1
3	MEAN	18	26	12	17
	STD	13	20	6	9
	N VALUES	13	13	13	13
	MEAN STD	4	5	2	2
4	MEAN	22	37	14	23
	STD	9	16	6	9
	N VALUES	13	13	13	13
	MEAN STD	2	4	2	3
WINTER		OUTDOOR		INDOOR	
		PM1	PM2.5	PM1	PM2.5
1	MEAN	27	42	18	23
	STD	12	18	9	12
	N VALUES	13	13	13	13
	MEAN STD	3	5	2	3
2	MEAN	22	42	16	19
	STD	7	20	6	8
	N VALUES	13	13	10	10
	MEAN STD	2	5	2	2
3	MEAN	42	75	30	53
	STD	23	36	12	27
	N VALUES	11	14	14	14
	MEAN STD	7	10	3	7
4	MEAN	26	45	13	25
	STD	16	34	9	20
	N VALUES	13	13	13	13
	MEAN STD	5	9	3	6

Tab.10 - The sampling program with its correlated concentrations for the three sites considered.

MI	n	Mean	STD	Mean STD
PM1 (µg/m3)	38	12.6	5.2	0.8
PM2.5 (µg/m3)	51	20.9	10.2	1.4
PM1/PM2.5	38	0.64	0.16	0.02
OB	n	Mean	STD	Mean STD
PM1 (µg/m3)	29	9.6	3.7	0.7
PM2.5 (µg/m3)	30	15.8	7.0	1.3
PM1/PM2.5	29	0.65	0.18	0.03
ASC	n	Mean	STD	Mean STD
PM1 (µg/m3)	31	5.1	2.6	0.5
PM2.5 (µg/m3)	31	9.5	5.8	1.0
PM1/PM2.5	31	0.58	0.23	0.04

Tab.11 - Puntual Data for PM2,5 Indoor/Outdoor Samples: Bisphenol A Analysis

Dampling Data	Sample Name	pg/m3	% of blank on sample	m3	**mg PM**	**pg on filter**	ng/mg on filter	LOD	LOQ	ng
								ng	ng	
3 September 2007	I14	**144,12**	23,22	21,42	0,37	3086,67	8,37	0,3	0,7	3,1
12 September 2007	I 9	**132,24**	9,86	54,96	0,57	7267,91	12,71	0,3	0,7	7,3
15 September 2007	I12	**241,37**	5,40	55,01	0,90	13277,42	14,74	0,3	0,7	13,3
16 September 2007	I13	**287,94**	4,53	55,00	0,95	15837,52	16,64	0,3	0,7	15,8
29 September 2007	I_2_12	**182,82**	7,13	55,02	0,68	10058,19	14,87	0,3	0,7	10,1
30 September 2007	I_2_13	**168,70**	7,73	54,98	0,74	9274,46	12,45	0,3	0,7	9,3
2 October 2007	I_2_14	**425,15**	3,06	55,06	1,22	23408,57	19,23	0,3	0,7	23,4
9 October 2007	I21	**356,53**	3,65	55,02	1,21	19614,73	16,27	0,3	0,7	19,6
17 Genuary 2008	I29	**411,61**	3,16	55,03	0,76	22649,35	29,78	0,3	0,7	22,6
19 Genuary 2008	I31	**786,07**	1,66	54,93	2,20	43303,16	19,71	0,3	0,7	43,3
23 Genuary 2008	I35	**180,64**	7,21	55,02	0,37	9938,40	27,15	0,3	0,7	9,9
6 February 2008	I22	**500,41**	2,61	54,92	1,13	27483,90	24,34	0,3	0,7	27,5
20 February 2008	I_2_22	**329,47**	3,95	55,10	1,21	18154,86	15,07	0,3	0,7	18,2
4 March 2008	I_3_22	**159,95**	8,14	55,08	0,45	8809,27	19,48	0,3	0,7	8,8
7 March 2008	I25	**270,39**	4,82	55,04	0,69	14881,44	21,61	0,3	0,7	14,9
9 March 2008	I27	**219,37**	5,93	55,12	0,87	12091,34	13,83	0,3	0,7	12,1
						outdoor				
Dampling Data	Sample Name	pg/m3	% of blank on sample	m3	**mg PM**	**pg on filter**	ng/mg on filter	LOD	LOQ	ng
3 September 2007	O14	11,80	110,26	55,08	0,82	650,06	0,79	0,3	0,7	0,7
12 September 2007	O9	54,37	23,93	55,08	0,71	2994,96	4,23	0,3	0,7	3,0
15 September 2007	O12	58,04	22,42	55,09	1,13	3197,43	2,82	0,3	0,7	3,2
16 September 2007	O13	51,58	25,22	55,09	1,99	2841,42	1,43	0,3	0,7	2,8
29 September 2007	O_2_12	98,60	13,20	55,09	0,99	5431,60	5,51	0,3	0,7	5,4
30 September 2007	O_2_13	62,09	20,96	55,09	1,19	3420,15	2,87	0,3	0,7	3,4
2 October 2007	O_2_14	463,71	2,80	55,15	1,92	25571,22	13,35	0,3	0,7	25,6
9 October 2007	O21	283,59	4,59	55,09	2,11	15621,86	7,40	0,3	0,7	15,6
17 Genuary 2008	O29	288,02	4,52	55,09	1,65	15866,89	9,61	0,3	0,7	15,9
19 Genuary 2008	O31	733,46	1,78	55,01	4,09	40344,12	9,86	0,3	0,7	40,3
23 Genuary 2008	O35	135,32	9,63	55,09	0,88	7445,05	8,47	0,3	0,7	7,4
6 February 2008	O22	339,59	3,83	55,09	1,93	18707,98	9,69	0,3	0,7	18,7
20 February 2008	O_2_22	97,03	13,41	55,09	1,58	5344,96	3,37	0,3	0,7	5,3
4 March 2008	O_3_22	17,45	74,55	55,09	0,70	961,39	1,37	0,3	0,7	1,0
7 March 2008	O25	118,21	11,01	55,09	1,62	6511,76	4,01	0,3	0,7	6,5
9 March 2008	O27	95,89	13,57	55,09	2,13	5282,79	2,48	0,3	0,7	5,3