

London Borough of Richmond PAH Survey

Annual Mean B[a]P Concentration **0.18** ng m-3

N.D = None detected



UKAS Analysis of USEPA-16 BY GC-MS

Jan-07

Sample No	Compound	Date On	Time On	Date Off	Time Off	Volume	Conc (ng)	Combined Particulate and Vapour
RIC0107								ng m-3
	Naphthalene						Invalid	*
	Acenaphthylene							*
	Acenaphthene							*
	Fluorene							*
	Phenanthrene							*
	Anthracene							*
	Fluoranthene							*
	Pyrene							*
	Benz(a)anthracene							*
	Chrysene							*
	Benzo(b)fluoranthene							*
	Benzo(k)fluoranthene							*
	Benzo(a)pyrene							*
	Indeno(1,2,3-cd)pyrene							*
	Dibenz(a,h)anthracene							*
	Benzo(g,h,i)perylene							*
	Total PAH (ng m3)							

London Borough of Richmond PAH Survey

Annual Mean B[a]P Concentration **0.18** ng m⁻³

N.D = None detected



UKAS Analysis of USEPA-16 BY GC-MS

Feb-07

Sample No	Compound	Date On	Time On	Date Off	Time Off	Volume	Conc (ng)	Combined Particulate and Vapour
RIC0207								ng m ⁻³
	Naphthalene	01/02/2007	12:21	12/02/2007	14:30	217.82	92	0.42
	Acenaphthylene	01/02/2007	12:21	12/02/2007	14:30	217.82	14	0.06
	Acenaphthene	01/02/2007	12:21	12/02/2007	14:30	217.82	10	0.05
	Fluorene	01/02/2007	12:21	12/02/2007	14:30	217.82	52	0.24
	Phenanthrene	01/02/2007	12:21	12/02/2007	14:30	217.82	1400	6.43
	Anthracene	01/02/2007	12:21	12/02/2007	14:30	217.82	140	0.64
	Fluoranthene	01/02/2007	12:21	12/02/2007	14:30	217.82	950	4.36
	Pyrene	01/02/2007	12:21	12/02/2007	14:30	217.82	810	3.72
	Benz(a)anthracene	01/02/2007	12:21	12/02/2007	14:30	217.82	120	0.55
	Chrysene	01/02/2007	12:21	12/02/2007	14:30	217.82	250	1.15
	Benzo(b)fluoranthene	01/02/2007	12:21	12/02/2007	14:30	217.82	350	1.61
	Benzo(k)fluoranthene	01/02/2007	12:21	12/02/2007	14:30	217.82	110	0.51
	Benzo(a)pyrene	01/02/2007	12:21	12/02/2007	14:30	217.82	110	0.51
	Indeno(1,2,3-cd)pyrene	01/02/2007	12:21	12/02/2007	14:30	217.82	170	0.78
	Dibenz(a,h)anthracene	01/02/2007	12:21	12/02/2007	14:30	217.82	29	0.13
	Benzo(g,h,i)perylene	01/02/2007	12:21	12/02/2007	14:30	217.82	270	1.24
	Total PAH (ng m³)							22.39

Mar-07

