

# London Borough of Richmond

## Benzene Diffusion Tube Results



### Jan-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3	ng	Toluene ppb	Toluene ug/m3	ng	Ethylbenzene ppb	Ethylbenzene ug/m3	ng	M+p-Xylene ppb	M+p-Xylene ug/m3	ng	o-Xylene ppb	o-Xylene ug/m3
Rut 2	BG 839	30/12/2003	09:15	13/01/2004	09:55	29	1.0	3.35	148	4.8	18.22	22	0.6	2.67	61	1.6	6.90	24	0.6	2.66
36	BG 840	30/12/2003	10:25	13/01/2004	10:05	32	1.1	3.71	129	4.2	15.93	28	0.8	3.41	71	1.8	8.06	28	0.7	3.11
35	BG 843	30/12/2003	12:08	13/01/2004	10:30	Tube failed														
7	BG 842	30/12/2003	11:56	13/01/2004	10:35	21	0.8	2.44	98	3.2	12.14	17	0.5	2.07	44	1.1	5.01	18	0.5	2.01
32	BG 841	30/12/2003	11:35	13/01/2004	10:20	42	1.5	4.88	118	3.8	14.61	25	0.7	3.05	65	1.7	7.39	26	0.7	2.90

### Feb-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3	ng	Toluene ppb	Toluene ug/m3	ng	Ethylbenzene ppb	Ethylbenzene ug/m3	ng	M+p-Xylene ppb	M+p-Xylene ug/m3	ng	o-Xylene ppb	o-Xylene ug/m3
Rut 2	BG 985	02/02/2004	12:55	17/02/2004	10:18	18	0.6	1.96	115	3.5	13.34	12	0.3	1.37	34	0.8	3.62	12	0.3	1.25
36	BG 986	03/02/2004	13:15	17/02/2004	10:26	28	1.0	3.27	172	5.6	21.40	18	0.5	2.21	54	1.4	6.17	18	0.5	2.02
35	BG 989	04/02/2004	10:45	17/02/2004	10:57	24	0.9	2.99	130	4.5	17.26	16	0.5	2.09	45	1.2	5.49	16	0.4	1.91
7	BG 988	04/02/2004	10:10	17/02/2004	10:50	29	1.1	3.61	258	8.9	34.20	19	0.6	2.48	54	1.5	6.58	19	0.5	2.27
32	BG 987	04/02/2004	09:50	17/02/2004	10:45	23	0.9	2.86	104	3.6	13.78	15	0.4	1.96	40	1.1	4.87	15	0.4	1.79

### Mar-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3	ng	Toluene ppb	Toluene ug/m3	ng	Ethylbenzene ppb	Ethylbenzene ug/m3	ng	M+p-Xylene ppb	M+p-Xylene ug/m3	ng	o-Xylene ppb	o-Xylene ug/m3
Rut 2	BH 132	02/03/2004	09:25	16/03/2004	11:30	14	0.5	1.61	69	2.2	8.46	7	0.2	0.85	20	0.5	2.25	6	0.2	0.66
36	BH 133	02/03/2004	11:55	16/03/2004	11:15	32	1.1	3.71	169	5.5	20.89	21	0.6	2.56	69	1.8	7.84	23	0.6	2.56
35	BH 136	02/03/2004	12:45	16/03/2004	11:00	18	0.6	2.09	275	8.9	34.10	12	0.3	1.47	36	0.9	4.10	11	0.3	1.23
7	BH 135	02/03/2004	12:35	16/03/2004	10:40	22	0.8	2.56	191	6.2	23.70	15	0.4	1.83	48	1.2	5.47	15	0.4	1.68
32	BH 134	02/03/2004	12:05	16/03/2004	10:25	35	1.3	4.07	151	4.9	18.72	23	0.6	2.81	77	2.0	8.77	27	0.7	3.01

### Apr-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3	ng	Toluene ppb	Toluene ug/m3	ng	Ethylbenzene ppb	Ethylbenzene ug/m3	ng	M+p-Xylene ppb	M+p-Xylene ug/m3	ng	o-Xylene ppb	o-Xylene ug/m3
Rut 2	BH 274	30/03/2004	09:30	13/04/2004	12:00	24	0.9	2.76	96	3.1	11.76	16	0.4	1.93	37	0.9	4.16	14	0.3	1.54
36	BH 275	30/03/2004	11:20	13/04/2004	12:20	24	0.9	2.77	383	12.3	47.11	20	0.5	2.42	49	1.3	5.54	17	0.4	1.88
35	BH 278	30/03/2004	12:55	13/04/2004	15:20	17	0.6	1.95	214	6.8	26.21	12	0.3	1.45	32	0.8	3.60	10	0.2	1.10
7	BH 277	30/03/2004	12:40	13/04/2004	15:12	27	1.0	3.10	166	5.3	20.33	18	0.5	2.17	44	1.1	4.95	18	0.4	1.98
32	BH 276	30/03/2004	12:20	13/04/2004	15:04	19	0.7	2.18	128	4.1	15.66	14	0.4	1.69	33	0.8	3.71	12	0.3	1.32

### May-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene	Benzene	ng	Toluene	Toluene	ng	Ethylbenzene	Ethylbenzene	ng	M+p-Xylene	M+p-Xylene	ng	o-Xylene	o-Xylene
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### Results Statement

The United Kingdom Accreditation Service logo refers to UKAS Testing Laboratory no: 0869 and 0322, which apply to analysis only.

## London Borough of Richmond Benzene Diffusion Tube Results



							ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3
Rut 2	BH 407	04/05/2004	09:55	18/05/2004	11:10	29	1.0	3.34	161	5.2	19.79	30	0.8	3.63	72	1.8	8.13	28	0.7	3.10
36	BH 408	04/05/2004	11:25	18/05/2004	11:50	26	0.9	3.01	188	6.0	23.16	30	0.8	3.64	69	1.8	7.81	26	0.7	2.88
35	BH 411	04/05/2004	12:55	18/05/2004	12:25	20	0.7	2.32	94	3.0	11.61	19	0.5	2.31	43	1.1	4.88	14	0.4	1.56
7	BH 410	04/05/2004	12:40	18/05/2004	12:15	24	0.9	2.78	302	9.7	37.30	22	0.6	2.68	57	1.5	6.47	21	0.5	2.33
32	BH 409	04/05/2004	12:23	18/05/2004	12:10	25	0.9	2.90	128	4.1	15.80	25	0.7	3.04	61	1.6	6.92	22	0.6	2.44

### Jun-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene	Benzene		Toluene	Toluene		Ethylbenzene	Ethylbenzene		M+p-Xylene	M+p-Xylene		o-Xylene	o-Xylene
							ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3
Rut 2	BH 540	01/06/2004	09:45	16/06/2004	11:20	26	0.9	2.80	170	5.1	19.49	29	0.7	3.27	70	1.7	7.37	27	0.6	2.79
36	BH 541	01/06/2004	11:40	16/06/2004	11:30	20	0.7	2.16	168	5.1	19.35	22	0.6	2.50	57	1.4	6.03	22	0.5	2.28
35	BH 544	01/06/2004	13:05	16/06/2004	12:05	18	0.6	1.95	96	2.9	11.08	16	0.4	1.82	42	1.0	4.46	14	0.3	1.45
7	BH 543	01/06/2004	12:50	16/06/2004	11:55	19	0.6	2.06	477	14.4	55.06	19	0.5	2.16	48	1.2	5.09	17	0.4	1.77
32	BH 542	01/06/2004	12:30	16/06/2004	11:50	17	0.6	1.84	93	2.8	10.73	17	0.4	1.93	42	1.0	4.45	14	0.3	1.45

### Jul-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene	Benzene		Toluene	Toluene		Ethylbenzene	Ethylbenzene		M+p-Xylene	M+p-Xylene		o-Xylene	o-Xylene
							ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3
Rut 2	BH 670	28/06/2004	09:40	13/07/2004	11:10	23	0.8	2.47	241	7.2	27.63	27	0.7	3.05	69	1.6	7.27	33	0.8	3.41
36	BH 671	28/06/2004	11:15	13/07/2004	11:25	Invalid			-			-			-			-		
35	BH 674	28/06/2004	12:50	13/07/2004	12:45	16	0.5	1.73	153	4.6	17.62	17	0.4	1.93	44	1.1	4.66	18	0.4	1.87
7	BH 673	28/06/2004	12:35	13/07/2004	12:55	20	0.7	2.16	514	15.4	59.13	21	0.5	2.38	21	0.5	2.22	51	1.2	5.28
32	BH 672	28/06/2004	12:15	13/07/2004	12:35	18	0.6	1.94	42	1.3	4.83	2	0.1	0.23	5	0.1	0.53	3	0.1	0.31

### Aug-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene	Benzene		Toluene	Toluene		Ethylbenzene	Ethylbenzene		M+p-Xylene	M+p-Xylene		o-Xylene	o-Xylene
							ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3
Rut 2	BH 806	03/08/2004	14:15	17/08/2004	12:00	15	0.5	1.75	114	3.7	14.16	14	0.4	1.71	42	1.1	4.79	15	0.4	1.68
36	BH 807	03/08/2004	14:25	17/08/2004	12:10	21	0.8	2.45	148	4.8	18.38	18	0.5	2.20	58	1.5	6.62	21	0.5	2.35
35	BH 810	03/08/2004	15:00	17/08/2004	12:45	15	0.5	1.75	120	3.9	14.90	15	0.4	1.84	47	1.2	5.36	17	0.4	1.90
7	BH 809	03/08/2004	14:50	17/08/2004	12:40	18	0.6	2.10	336	10.9	41.72	16	0.4	1.96	50	1.3	5.70	18	0.5	2.01
32	BH 808	03/08/2004	14:40	17/08/2004	12:30	17	0.6	1.98	121	3.9	15.02	15	0.4	1.83	48	1.2	5.48	18	0.5	2.01

### Sep-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene	Benzene		Toluene	Toluene		Ethylbenzene	Ethylbenzene		M+p-Xylene	M+p-Xylene		o-Xylene	o-Xylene
							ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3		ppb	ug/m3
Rut 2	BH 940	31/08/2004	09:30	15/09/2004	15:05	22	0.7	2.34	133	3.9	15.08	20	0.5	2.23	57	1.3	5.94	21	0.5	2.14

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36	BH 941	31/08/2004	11:30	15/09/2004	15:18	23	0.8	2.46	167	5.0	19.03	18	0.5	2.02	60	1.4	6.28	22	0.5	2.26
35	BH 944	31/08/2004	13:00	15/09/2004	15:42	20	0.7	2.14	157	4.7	17.94	18	0.5	2.03	55	1.3	5.77	24	0.6	2.47
7	BH 943	31/08/2004	12:45	15/09/2004	15:52	27	0.9	2.89	340	10.1	38.81	22	0.6	2.47	61	1.5	6.40	23	0.5	2.36
32	BH 942	31/08/2004	12:25	15/09/2004	16:08	22	0.7	2.35	89	2.6	10.14	12	0.3	1.35	29	0.7	3.04	10	0.2	1.03

### Oct-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3		Toluene ppb	Toluene ug/m3		Ethylbenzene ppb	Ethylbenzene ug/m3		M+p-Xylene ppb	M+p-Xylene ug/m3		o-Xylene ppb	o-Xylene ug/m3
Rut 2	BI 81	05/10/2004	09:40	19/10/2004	14:35	17	0.6	1.94	93	3.0	11.31	14	0.4	1.68	40	1.0	4.47	16	0.4	1.75
36	BI 82	05/10/2004	11:25	19/10/2004	14:44	19	0.7	2.18	118	3.8	14.41	15	0.4	1.81	42	1.1	4.71	16	0.4	1.76
35	BI 85	05/10/2004	13:20	19/10/2004	15:18	13	0.5	1.50	84	2.7	10.30	12	0.3	1.45	29	0.7	3.27	11	0.3	1.21
7	BI 84	05/10/2004	13:05	19/10/2004	15:07	19	0.7	2.19	203	6.5	24.89	16	0.4	1.93	46	1.2	5.18	17	0.4	1.88
32	BI 83	05/10/2004	12:45	19/10/2004	15:00	20	0.7	2.30	97	3.1	11.89	16	0.4	1.93	44	1.1	4.95	17	0.4	1.88

### Nov-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3		Toluene ppb	Toluene ug/m3		Ethylbenzene ppb	Ethylbenzene ug/m3		M+p-Xylene ppb	M+p-Xylene ug/m3		o-Xylene ppb	o-Xylene ug/m3	
Rut 2	BI 223	02/11/2004	09:25	16/11/2004	11:10	24	0.9	2.76	202	6.5	24.79	16	0.4	1.93	55	1.4	6.20	20	0.5	2.21	
36	BI 224	02/11/2004	10:59	16/11/2004	11:20	Instrument failed															
35	BI 227	02/11/2004	13:00	16/11/2004	11:55	-															
7	BI 226	02/11/2004	12:45	16/11/2004	11:50	-															
32	BI 225	02/11/2004	12:22	16/11/2004	11:35	-															

### Dec-04

Site Code	Tube Code	Date On	Time On	Date Off	Time Off	Conc Tube (ng)	Benzene ppb	Benzene ug/m3		Toluene ppb	Toluene ug/m3		Ethylbenzene ppb	Ethylbenzene ug/m3		M+p-Xylene ppb	M+p-Xylene ug/m3		o-Xylene ppb	o-Xylene ug/m3	
Rut 2	BI 366	30/11/2004	09:31	14/12/2004	12:45	Instrument failed															
36	BI 367	30/11/2004	11:11	14/12/2004	12:55	-															
35	BI 370	30/11/2004	13:20	14/12/2004	15:40	30	1.1	3.45	186	5.9	22.79	21	0.6	2.53	68	1.7	7.65	25	0.6	2.76	
7	BI 369	30/11/2004	13:08	14/12/2004	15:35	38	1.3	4.37	219	7.0	26.82	24	0.7	2.90	78	2.0	8.78	29	0.7	3.20	
32	BI 368	30/11/2004	12:45	14/12/2004	15:25	41	1.5	4.71	258	8.2	31.58	27	0.7	3.26	93	2.4	10.46	34	0.8	3.75	

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