

MÉTODOS PARA ANÁLISES DE HPA E BTEX EM ÁGUAS SUBTERRÂNEAS DE POSTOS DE REVENDA DE COMBUSTÍVEIS: UM ESTUDO DE CASO EM CAMPO GRANDE, MS, BRASIL

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Tabela 1S. Valores médios de concentração obtidos para BTEX e HPA nas amostras de água analisadas

Nº	Prof. (m)	Concentração das substâncias em µg L ⁻¹															
		Ben	Tol	Etilben	<i>m,p</i> -xil	<i>o</i> -xil	Naf	Ac	Ace	Flu	Fen	Ant	Flt	Pir	BaA+Cri	BbF+BKF	
1	6,3	2,5x10 ³	3,9x10 ¹	<	1,4x10 ²	1,7x10 ²	3,7	1,0x10 ⁻¹	1,0x10 ⁻¹	3,0x10 ⁻¹	5,0x10 ⁻¹	<	nd	nd	nd	nd	
2	7,1	<	<	<	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	
3	6,8	4,1x10 ²	<	<	<	<	1,0x10 ⁻¹	<	<	<	<	<	<	<	nd	nd	
4	15,5	<	<	<	<	<	<	<	<	<	<	<	<	<	nd	nd	
5	7,0	5,8x10 ³	2,6x10 ²	4,3x10 ¹	1,1x10 ³	6,3x10 ²	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
6	10,0	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
7	8,5	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
8	6,8	<	<	<	<	<	<	<	<	<	<	<	<	<	nd	nd	
9	7,0	<	<	<	<	<	<	<	<	<	<	<	<	<	nd	nd	
10	31,0	<	<	<	<	<	<	<	<	<	<	<	<	<	nd	nd	
11	6,5	1,7x10 ³	5,8x10 ²	2,4x10 ³	1,9x10 ³	1,7x10 ³	8,5	2,8x10 ⁻²	7,8x10 ⁻²	3,8x10 ⁻²	3,4x10 ⁻²	nd	nd	nd	nd	nd	
12	6,9	<	<	<	<	<	<	<	<	<	<	nd	nd	nd	nd	nd	
13	7,0	<	<	<	<	<	<	<	<	<	<	nd	nd	nd	nd	nd	
14	6,9	1,8x10 ⁴	5,5x10 ³	1,4x10 ⁴	1,5x10 ⁴	2,2x10 ⁴	1,7	5,9x10 ⁻²	8,9x10 ⁻²	7,5x10 ⁻²	4,0x10 ⁻¹	1,0x10 ⁻¹	<	5,6x10 ⁻²	nd	nd	
15	8,0	<	<	<	<	<	<	<	<	<	<	<	<	<	nd	nd	
16	7,9	1,1x10 ³	3,1x10 ¹	<	1,6x10 ¹	2,4x10 ³	<	<	<	<	<	<	<	<	nd	nd	
17	7,5	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
18	7,0	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
19	8,2	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
20	8,4	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
21	9,5	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
22	9,0	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
23	8,2	<	<	<	<	<	<	<	<	<	nd	nd	nd	nd	nd	nd	
24	7,8	<	<	<	<	<	<	<	<	<	nd	nd	nd	nd	nd	nd	
25	7,8	5,0x10 ⁴	3,0x10 ³	1,5x10 ³	2,7x10 ³	3,2x10 ³	4,0	3,0	4,0x10 ⁻¹	7,0x10 ⁻¹	5,7x10 ⁻³	1,0x10 ⁻¹	2,9x10 ⁻²	3,0x10 ⁻¹	nd	nd	
26	8,4	1,4x10 ³	4,9x10 ¹	1,0x10 ²	2,0x10 ⁴	4,4x10 ³	7x10 ⁻¹	4,9x10 ⁻²	3,1x10 ⁻²	1,0x10 ⁻¹	1,2x10 ⁻¹	<	<	<	nd	nd	
27	8,5	<	<	<	<	<	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
28	3,0	1,7x10 ³	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
29	4,3	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
30	3,9	1,6x10 ⁴	<	<	<	<	<	<	<	<	<	<	<	<	<	<	

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Tabela 1S. continuação

Nº	Prof. (m)	Concentração das substâncias em µg L ⁻¹														
		Ben	Tol	Etilben	<i>m,p</i> -xil	<i>o</i> -xil	Naf	Aci	Ace	Flu	Fen	Ant	Flt	Pir	BaA+Cri	BbF+BkF
31	5,0	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
32	4,5	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
33	5,5	5,0x10 ³	2,4x10 ¹	6,8x10 ¹	1,1x10 ²	7,0x10 ¹	1,0	2,0x10 ⁻¹	<	6,5x10 ⁻²	4x10 ⁻¹	2,5x10 ⁻²	<	3,7x10 ⁻²	8,5x10 ⁻²	7,1x10 ⁻²
34	16,0	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
35	15,8	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
36	15,0	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
37	8,5	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
38	6,0	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
39	7,5	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
40	31,5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
41	16,0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
42	27,3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
43	20,0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
44	21,0	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
45	19,0	nd	nd	nd	nd	nd	nd	Nd	nd	nd	nd	nd	nd	nd	nd	nd

Prof.: profundidade do poço; nd: não detectado; < detectado em concentração abaixo do limite de quantificação.