

Table 1a SI. Pharmaceuticals concentrations (ng l⁻¹) measured at different sampling sites in February.

Location	Sotalol	Atenolol	Acebutolol	Metoprolol	Bisoprolol	Citalopram	Venlafaxine	Carbamazepine	Sertraline	Bezafibrate	Diclofenac	Ketoprofen	Naproxen	Ibuprofen
1	126	343	312	1326	632	11	10	1705	7	104	601	229	548	224
2	82	206	190	873	525	7	8	1201	4	86	484	317	479	260
3	36	121	107	456	216	3	4	479	2	49	342	133	316	480
4	60	163	139	611	338	3	6	503	1	59	248	227	437	150
5	48	86	52	240	59	1	2	359	1	22	302	85	210	69
6	45	80	56	283	106	1	2	326	1	24	231	106	98	55
7	43	75	38	211	44	1	2	284	1	22	160	164	84	49
8	na	na	na	na	na	na	na	na	na	20	172	102	73	44
9	35	49	28	170	10	1	2	556	1	15	173	89	70	29

Table 1b SI. Pharmaceuticals concentrations (ng l⁻¹) measured at different sampling sites in May

Location	Sotalol	Atenolol	Acebutolol	Metoprolol	Bisoprolol	Citalopram	Venlafaxine	Carbamazepine	Sertraline	Bezafibrate	Diclofenac	Ketoprofen	Naproxen	Ibuprofen
1	101	226	211	989	631	9	7	701	9	45	565	286	1687	1830
2	39	83	57	278	131	2	2	294	2	55	408	350	516	909
3	37	68	49	311	175	2	2	295	1	19	155	147	512	186
4	26	52	42	228	121	1	2	234	1	10	121	<LOQ	291	172
5	8	18	21	71	29	<LOQ	1	140	<LOQ	8	33	<LOQ	61	17
6	13	18	18	82	37	<LOQ	1	145	<LOQ	9	60	<LOQ	89	39
7	10	11	13	63	24	<LOQ	<LOQ	131	<LOQ	6	36	<LOQ	52	<LOQ
8	7	11	13	52	17	<LOQ	<LOQ	113	<LOQ	5	33	<LOQ	39	<LOQ
9	9	13	14	65	20	<LOQ	<LOQ	128	<LOQ	4	35	<LOQ	72	<LOQ

Table 1c SI Pharmaceuticals concentrations (ng l⁻¹) measured at different sampling sites in July.

Location	Sotalol	Atenolol	Acebutolol	Metoprolol	Bisoprolol	Citalopram	Venlafaxine	Carbamazepine	Sertraline	Bezafibrate	Diclofenac	Ketoprofen	Naproxen	Ibuprofen
1	119	229	176	1174	633	10	7	987	12	25	474	325	678	38
2	72	112	76	543	317	3	3	559	2	21	406	191	334	117
3	45	38	37	265	113	2	2	444	1	8	83	<LOQ	220	34
4	65	94	70	518	266	2	3	616	<LOQ	8	54	<LOQ	191	30
5	12	1	16	100	52	<LOQ	1	235	<LOQ	7	22	<LOQ	54	18
6	12	4	15	77	34	<LOQ	<LOQ	231	<LOQ	7	22	<LOQ	43	<LOQ
7	14	6	16	94	42	<LOQ	<LOQ	226	<LOQ	5	25	<LOQ	35	<LOQ
8	12	5	14	80	35	<LOQ	<LOQ	208	<LOQ	4	22	<LOQ	46	<LOQ
9	12	6	16	95	43	<LOQ	<LOQ	213	<LOQ	4	13	<LOQ	27	<LOQ

Table 1d SI Pharmaceuticals concentrations (ng l⁻¹) measured at different sampling sites in November.

Location	Sotalol	Atenolol	Acebutolol	Metoprolol	Bisoprolol	Citalopram	Venlafaxine	Carbamazepine	Sertraline	Bezafibrate	Diclofenac	Ketoprofen	Naproxen	Ibuprofen
1	46	807	178	1262	619	274	119	700	5	39	678	202	176	53
2	25	408	84	578	182	47	76	380	1	25	624	111	109	23
3	23	347	71	449	151	48	67	366	1	16	700	81	83	54
4	19	267	52	356	117	24	56	178	1	17	638	87	76	20
5	4	43	22	27	2	4	14	111	<LOQ	6	168	<LOQ	43	10
6	4	91	25	36	3	3	15	103	<LOQ	6	145	<LOQ	40	16
7	3	56	18	21	1	4	15	168	<LOQ	6	181	<LOQ	47	12
8	4	46	18	25	1	<LOQ	11	170	<LOQ	6	151	<LOQ	33	15
9	3	33	15	17	1	3	9	214	<LOQ	5	143	<LOQ	47	15