

SUPPLEMENTARY MATERIAL

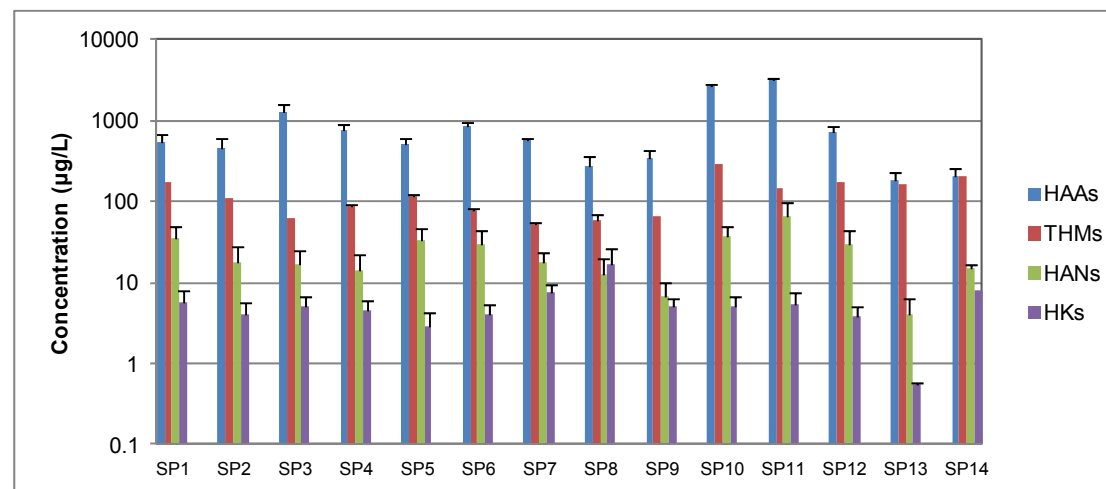


Figure S1. Concentrations of DBPs (mean±sd) in swimming pools.

Table S1. Spearman's correlation coefficients (values in bold are significant at 0.01level, values in italics are significant at 0.05 level)

	HAA _s	DCAA	TCAA	BCAA	DBAA	BDCAA	DCBAA	THM _s	TCM	BDCM	DBCM	TBM	HAN _s	TCAN	DCAN	BCAN	DBAN	TCNM	TCP	Cl ₂	DOC	UV	SUVA	pH	Alk	TN
HAA _s	1																									
DCAA	0.887	1																								
TCAA	0.992	0.845	1																							
BCAA	0.412	0.451	0.385	1																						
DBAA	0.551	0.558	0.531	0.626	1																					
BDCAA	0.922	0.835	0.92	0.437	0.575	1																				
DCBAA	0.539	0.534	0.521	0.491	0.818	0.539	1																			
THM _s	-0.158	-0.114	-0.187	<i>0.325</i>	<i>0.324</i>	-0.105	0.392	1																		
TCM	-0.170	-0.127	-0.199	<i>0.334</i>	<i>0.310</i>	-0.115	0.357	0.993	1																	
BDCM	0.774	0.813	0.748	0.411	0.590	0.749	0.558	0.003	-0.033	1																
DBCM	0.194	0.232	0.156	<i>0.311</i>	0.516	0.205	0.473	0.444	0.435	0.401	1															
TBM	-0.222	-0.217	-0.216	0.118	0.124	-0.240	0.255	0.375	<i>0.309</i>	-0.092	-0.047	1														
HAN _s	0.103	0.130	0.068	0.407	0.245	0.217	0.178	0.517	0.524	0.214	0.401	0.019	1													
TCAN	-0.056	-0.018	-0.064	0.124	<i>0.265</i>	-0.144	0.346	0.382	<i>0.331</i>	0.097	0.107	0.711	0.082	1												
DCAN	0.180	0.207	0.149	0.389	0.195	<i>0.282</i>	0.157	0.447	0.466	<i>0.264</i>	0.437	-0.136	0.880	-0.158	1											
BCAN	0.453	0.528	0.422	0.402	0.430	0.541	0.340	0.156	0.149	0.594	0.517	-0.198	0.618	-0.125	0.629	1										
DBAN	0.475	0.503	0.446	0.226	0.524	0.405	0.471	-0.022	-0.047	0.656	0.489	-0.028	0.108	0.188	0.103	0.484	1									
TCNM	0.410	0.409	0.414	0.246	0.409	<i>0.332</i>	0.502	0.153	0.122	0.602	0.243	0.084	0.006	0.199	0.106	0.221	0.390	1								
TCP	0.075	0.018	0.073	0.243	-0.047	0.197	-0.042	0.112	0.159	0.072	0.076	-0.27	0.526	<i>-0.324</i>	0.608	<i>0.331</i>	-0.090	-0.112	1							
Cl ₂	-0.042	-0.288	0.012	-0.281	-0.484	-0.216	-0.484	-0.185	-0.153	<i>-0.338</i>	<i>-0.354</i>	-0.376	0.022	-0.077	0.031	-0.270	-0.226	-0.177	0.247	1						
DOC	0.234	0.202	0.210	0.183	<i>0.312</i>	0.159	<i>0.278</i>	0.117	0.109	0.230	0.092	0.152	-0.031	0.254	-0.175	-0.085	<i>0.298</i>	0.068	-0.113	0.086	1					
UV	0.473	0.755	<i>0.368</i>	0.479	0.709	0.526	0.683	0.703	0.663	0.590	0.547	0.434	0.493	0.591	0.476	0.467	<i>0.418</i>	0.431	-0.177	-0.472	0.275	1				
SUVA	0.305	0.499	0.260	0.278	<i>0.403</i>	<i>0.355</i>	0.424	0.511	0.462	<i>0.381</i>	0.267	0.447	0.322	0.476	<i>0.351</i>	0.302	0.078	<i>0.349</i>	-0.225	<i>-0.404</i>	-0.193	0.823	1			
pH	0.111	0.067	0.094	-0.157	0.069	0.018	0.061	-0.020	-0.038	0.177	0.148	-0.132	-0.169	-0.113	-0.081	-0.067	0.178	0.406	-0.267	0.055	0.255	-0.037	-0.201	1		
Alk	0.147	0.217	0.109	0.012	0.186	0.056	0.156	0.201	0.155	<i>0.278</i>	0.138	0.257	-0.072	0.348	-0.175	0.005	0.199	0.227	-0.599	-0.119	0.450	<i>0.419</i>	0.217	0.429	1	
TN	0.493	0.400	0.519	0.186	0.111	0.461	0.146	-0.419	-0.447	<i>0.319</i>	-0.230	-0.078	-0.363	-0.054	-0.377	0.071	0.162	0.213	<i>-0.259</i>	0.041	0.165	-0.225	-0.008	0.104	0.115	1