

Table S1 Quality analytical parameters of the chromatographic calibrations for the HAAs studied. The calibration range varied from 0.125 to 10 mg·L⁻¹ for MBAA and DBAA, from 0.5 to 10 mg·L⁻¹ for MCAA, and from 0.25 to 10 mg·L⁻¹ for the remaining HAAs.

HAAs	Retention time	Slope ±	Intercept ±	R	LOD ^c (µg·L ⁻¹)	LOQ ^c (µg·L ⁻¹)	RSD ^d (%)	
	(min) ± SD ^a	t _{n-2} ×SD ^b	t _{n-2} ×SD ^b				2 mg·L ⁻¹	8 mg·L ⁻¹
MCAA	3.65 ± 0.02	11429 ± 287	2002 ± 1366	0.9993	238	791	3.03	2.90
MBAA	3.93 ± 0.04	45850 ± 591	1421 ± 2880	0.9996	200	668	1.79	1.40
DCAA	4.79 ± 0.06	29791 ± 570	-6688 ± 2502	0.9991	36.2	120	0.67	0.42
BCAA	5.32 ± 0.02	56071 ± 490	-2346 ± 2115	0.9998	75.0	250	1.84	0.85
DBAA	6.07 ± 0.03	92067 ± 437	-5885 ± 1796	0.9999	17.9	59.6	1.82	0.54
TCAA	9.75 ± 0.04	39467 ± 574	-9578 ± 2372	0.9996	172	574	2.42	0.75
BDCAA	10.2 ± 0.04	59131 ± 1290	4786 ± 6061	0.9988	104	348	4.75	2.54
CDBAA	11.6 ± 0.06	53613 ± 1521	-13296 ± 7696	0.9985	56.8	189	1.53	1.57
TBAA	12.6 ± 0.06	67270 ± 1893	5111 ± 9236	0.9983	29.0	96.8	2.94	1.39

^astandard deviation of the retention times (n = 30)

^bconfidence level ($\alpha = 0.05$) for n = 13, except MCAA and MBAA with n = 7

^ccalculated as described in the text

^dn = 6, with concentration levels not utilized in the calibration curve but included in the calibration range