

## Accessory publication

**Compound-specific bromine isotope compositions of one natural and six industrially-synthesised organobromine substances**

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**Table A1.  $\delta^{81}\text{Br}$  values and related statistical data of the whole data set of the analyzed compounds**

-SA, suffix refers to Sigma Aldrich; -WH, suffix refers to natural sample collected by Woods Hole Oceanographic Institution. ALL-SA, total delta values of industrial compounds.  $P < 0.05$  denotes a statistically significant difference

	$\delta^{81}\text{Br}$	<i>n</i>	mean	variance	s.d.	s.e.	Student <i>t</i> -test to compare means
DBPH-WH	-0.96, -0.28, 1.17, 2.19, 2.38, -1.12, -1.72	7	0.23	2.78	1.66	0.63	
DBPH-SA	-2.34, -1.08, -1.29, -0.62, 0.53, -2.42, -0.99, -2.37, -1.74, -0.59, -0.97, -0.77	13	-1.12	0.84	0.91	0.25	Yes, $t = -2.381$ ( $P < 0.02$ )
DBB-SA	-1.87, -1.59, 0.61, -3.82, -2.46, -2.34	6	-1.91	2.12	1.45	0.59	Yes, $t = -2.454$ ( $P < 0.03$ )
BPH-SA	-2.25, 0.07, -1.41, -0.60, -0.33, -0.24, 0.11, 1.01	8	-0.45	0.99	0.99	0.35	No, $t = -0.993$
TBB-SA	-4.53, -4.44, -3.90	3	-4.29	0.11	0.34	0.19	Yes, $t = -4.511$ ( $P < 0.001$ )
ANI-SA	-0.85, -1.35, -5.35, -0.75, -0.70, -0.94	6	-1.66	3.32	1.82	0.74	No, $t = -1.959$
NAPH-SA	-2.86, -3.06, -1.03, -1.98, -2.59, -2.31	6	-2.31	0.54	0.73	0.30	Yes, $t = -3.446$ ( $P < 0.005$ )
ALL-SA		42	-1.58	2.09	1.44	0.22	Yes, $t = -3.014$ ( $P < 0.004$ )