

Table 1. Consensus values of DOC and TDN for batches of sea water reference materials.

BATCH (year)	Source	DOC Concentration (μM)	TDN Concentration (μM)
Batch 1 - 1999	Sargasso Sea at 2600 m	44-45	20.8-21.8
Batch 2 - 2000	Sargasso Sea at 2600 m	44-47	20.6-21.6
Batch 3 - 2003	Sargasso Sea at 2600 m	44-46	21.5-22.5
Batch 4 - 2004	Sargasso Sea at 2600 m	44-47	21.0-22.0
Batch 5 - 2005	Sargasso Sea at 2600 m	44-47	20.7-21.7
Batch 5 FS - 2005	Florida Strait at 700 m	47-48	22.3-23.3
Batch 6 FS - 2006	Florida Strait at 700 m	44-46	32.05-33.55
Batch 7 - 2007	Florida Strait at 700 m	41-44	32.25-33.75
Batch 8 - 2008	Florida Strait at 700 m	41-43	32.25-33.75
Batch 9 - 2009	Florida Strait at 700 m	41-44	32.25-33.75
Batch 10 - 2010	Florida Strait at 700 m		
Lot #05-10		41-44	31.00-33.00
Lot #09 - 10		42-45	30.50-32.50
Batch 11 - 2011	Florida Strait at 700 m		
Lot #03-11		41-44	30.50-32.50
Lot #06-11		41-44	30.50-32.50
Lot #12-11		41-44	30.50-32.50
Batch 12 -2012	Florida Strait at 700 m		
Lot #03-12		41-44	31.50-33.50
Lot #06-12		41-44	31.50-33.50
Lot #10-12		41-44	31.50-33.50
Lot #11-12		41-44	31.50-33.50
Batch 13 - 2013	Florida Strait at 800 m		
Lot #02-13		41-44	31.00-33.00
Lot#05-13	Florida Strait at 700 m	41-44	31.00-33.00
Lot#08-13			
Batch 14 – 2014	Florida Strait at 750 m		
Lot #01-14		42-45	31.00-33.00
Lot #07-14		42-45	31.00-33.00
Batch 15 – 2015	Florida Strait at 750 m		
Lot #01-15	DSR	42-45	31.00-33.00
Lot #07-15	DSR	41-44	30.50-32.50
Batch 16 – 2016	Florida Strait at 700 m		
Lot #05-16	DSR	43-45	32-33
Lot #11-16	DSR	44-45	31-33
Batch 17-2017	Florida Strait		
Lot #04-17	DSR (700 m)	42-44	32-33
Lot #10-17	DSR (700 m)	43-45	32-33
Lot #10-17	MSR (150 m)	54-56	10 - 12
Lot #10-17	SSR (5 m)	70-73	03 -05
Batch 18-2018	Florida Strait		
Lot #08-18	DSR (700 m)	41-44	32-33
Lot #08-18	MSR (150 m)	52-54	09 - 11
Lot #08-18	SSR (5 m)	69 - 71	04 -06
Lot #10-18	DSR (700 m)	43-45	32-33
Lot #10-18	MSR (150 m)	54-57	10 - 12
Lot #10-18	SSR (5 m)	69 - 71	03 -05
Batch 19-2019	Florida Strait		
Lot #03-19	DSR (700 m)	40 - 41	31 - 32
Lot #03-19	MSR (150 m)	54-56	09 - 11
Lot #03-19	SSR (5 m)	66 - 69	04 - 06
Batch 19-2019	Florida Strait		
Lot #10-19	DSR (700 m)	41 - 43	30 - 32
Lot #10-19	MSR (150 m)	60 - 62	8 - 10
Lot #10-19	SSR (5 m)	70 - 72	04 - 06
Batch 20-2020	Florida Strait		
Lot #08-20	DSR (700 m)	44 - 46	31 - 33
Lot #08-20	MSR (150 m)	61 - 63	8 - 10
Lot #08-20	SSR (5 m)	74 - 76	04 - 06
Batch 21-2021	Florida Strait		
Lot #04-21	DSR (700 m)	43 - 45	31 - 33
Lot #04-21	MSR (150 m)	61 - 63	8 - 10
Lot #04-21	SSR (5 m)	73 - 75	04 - 06
Batch 21-2021	Florida Strait		
Lot #11-21*	DSR (700 m)	42 - 43	31 - 33
Lot #11-21*	MSR (150 m)	55 - 57	7 - 9
Lot #11-21*	SSR (5 m)	70 - 73	04 - 06