

Site/ season	Temp (°C)	Sal	Diurnal pH variation	NO <sub>3</sub> <sup>-</sup> and NO <sub>2</sub> <sup>-</sup> (μmol kg <sup>-1</sup> )	NH <sub>4</sub> <sup>+</sup> (μmol kg <sup>-1</sup> )	PO <sub>4</sub> <sup>3-</sup> (μmol kg <sup>-1</sup> )	TA (μmol kg <sup>-1</sup> )
Avg. winter	26.07 (0.54)	39.18 (0.18)	0.11 (0.12)	0.32 (0.19)	0.38 (0.29)	0.08 (0.02)	2487 (20)
Avg. summer	30.85 (0.69)	39.44 (0.18)	0.05 (0.05)	0.61 (0.25)	0.54 (0.34)	0.04 (0.05)	2417 (27)
Offshore/winter	25.97 (0.36)	39.18 (0.16)	0.04 (0.02)	0.4 (0.23)	0.38 (0.41)	0.09 (0.02)	2492 (21)
Offshore/summer	30.68 (0.63)	39.38 (0.17)	0.04 (0.04)	0.59 (0.24)	0.51 (0.17)	0.04 (0.03)	2439 (15)
Midshore/winter	26.1 (0.49)	39.17 (0.2)	0.07 (0.04)	0.28 (0.22)	0.35 (0.19)	0.07 (0.02)	2494 (16)
Midshore/summer	30.56 (0.61)	39.39 (0.14)	0.05 (0.05)	0.63 (0.26)	0.7 (0.53)	0.06 (0.08)	2422 (26)
Nearshore/winter	26.13 (0.69)	39.2 (0.17)	0.23 (0.14)	0.29 (0.12)	0.4 (0.29)	0.07 (0.01)	2476 (19)
Nearshore/summer	31.32 (0.59)	39.56 (0.15)	0.09 (0.06)	0.6 (0.28)	0.42 (0.16)	0.02 (0.01)	2391 (15)