| Location | Station | Latitude | Longitude | Year | Water depth (m) | Temperature (°C) | Salinity (‰) | Oxygen (mL L<sup>−1</sup>) | [Ca] (mg L<sup>−1</sup>) | [Mg] (mg L<sup>−1</sup>) | [Ba] (µg L<sup>−1</sup>) | [Mn] (µg L<sup>−1</sup>) | Mg/Ca<sub>sw</sub> | Ba/Ca<sub>sw</sub> | Mn/Ca<sub>sw</sub> | δ<sup>18</sup>O<sub>water</sub> (‰) |
|----------|---------|----------|-----------|------|----------------|-----------------|-----------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|-------------|-------------|----------------|
| Anholt   | C-An-1  | 56.43° N | 11.83° E  | 2012 | 13             | 17.87           | 18.39      | 4.52            | 247.98         | 713.48        | 2.58            | 1.07            | 4.74         | 3.90        | 3.14        | −3.52        |
|          |         |          |           |      | 19             | 13.70           | 31.03      | 3.50            | 385.38         | 1174.45       | 5.78            | 3.88            | 5.02         | 4.90        | 7.33        | −0.42        |
|          |         |          |           |      | 30             | 9.58            | 32.86      | 2.32            | 398.91         | 1222.29       | 7.75            | 12.41           | 5.05         | 6.22        | 22.67       | −0.24        |
|          | C-An-2  | 56.42° N | 11.81° E  | 2012 | 10             | 17.88           | 18.24      | 4.59            | 244.70         | 702.83        | 2.43            | 1.32            | 4.72         | 3.85        | 3.92        | −3.62        |
|          |         |          |           |      | 15             | 15.05           | 23.83      | 4.36            | 353.55         | 1067.08       | 6.29            | 3.15            | 4.97         | 5.88        | 6.49        | −1.18        |
|          |         |          |           |      | 19             | 15.41           | 30.27      | 3.97            | 397.98         | 1218.51       | 6.60            | 6.80            | 5.04         | 5.46        | 12.44       | −0.23        |
|          |         |          |           |      | 30             | 9.55            | 32.87      | 2.37            | 402.17         | 1234.32       | 7.44            | 10.29           | 5.05         | 5.97        | 18.63       | −0.24        |
| Hanö Bay | C-Ha-1  | 55.63° N | 14.83° E  | 2012 | 15             | 16.74           | 7.65       | 4.87            | 120.42         | 293.58        | 13.01           | 2.08            | 3.93         | 32.33       | 12.33       | −6.54        |
|          |         |          |           |      | 45             | 6.07            | 9.03       | 4.05            | 141.28         | 361.06        | 12.71           | 11.43           | 4.20         | 27.59       | 58.86       | −5.88        |
|          |         |          |           |      | 56             | 4.73            | 13.05      | 1.92            | 178.47         | 481.79        | 12.04           | 56.44           | 4.44         | 20.77       | 229.99      | −4.88        |
|          |         |          |           |      | 65             | 4.99            | 13.71      | 1.21            | 190.41         | 520.61        | 12.08           | 138.66          | 4.49         | 19.49       | 528.90      | −4.94        |
|          | C-Ha-2  | 55.58° N | 14.49° E  | 2012 | 12             | 16.59           | 7.70       | 4.93            | 120.09         | 293.15        | 12.90           | 2.14            | 3.93         | 32.06       | 12.73       | −6.5        |
|          |         |          |           |      | 49             | 5.28            | 10.44      | 2.91            | 158.56         | 384.44        | 12.58           | 20.87           | 4.26         | 26.00       | 102.19      | −5.87        |
|          | C-Ha-3  | 55.62° N | 14.83° E  | 2015 | 10             | 11.46           | 7.65       | 7.68            | 110.20         | 266.73        | 14.18           | 1.02            | 3.99         | 37.55       | 6.62        | NA          |
|          |         |          |           |      | 30             | 6.24            | 8.04       | 7.73            | 114.33         | 278.07        | 14.65           | 0.91            | 4.01         | 37.41       | 6.38        | NA          |
|          |         |          |           |      | 60             | 6.69            | 15.02      | 3.61            | 188.20         | 531.03        | 12.51           | 11.55           | 4.65         | 19.41       | 46.52       | NA          |
|          |         |          |           |      | 70             | 7.13            | 18.02      | 2.34            | 214.43         | 618.10        | 13.12           | 63.15           | 4.75         | 17.85       | 214.36      | NA          |
|          | DCHa-2  | 55.37° N | 14.50° E  | 2013 | 10             | 10.10           | 7.62       | 7.00            | 120.80         | 294.50        | 15.40           | 0.00            | 4.02         | 37.13       | 0.00        | NA          |
|          |         |          |           |      | 20             | 10.63           | 8.32       | 6.73            | 128.70         | 319.30        | 15.10           | 0.00            | 4.09         | 34.24       | 0.00        | NA          |
|          |         |          |           |      | 40             | 9.92            | 10.43      | 4.80            | 160.20         | 433.90        | 14.10           | 6.80            | 4.47         | 25.73       | 31.88       | NA          |
|          |         |          |           |      | 60             | 8.73            | 13.50      | 2.27            | 185.20         | 517.40        | 13.60           | 38.40           | 4.61         | 21.39       | 149.68      | NA          |
|          |         |          |           |      | 70             | 8.73            | 14.14      | 1.05            | 187.70         | 525.80        | 13.70           | 55.80           | 4.62         | 21.32       | 217.65      | NA          |