Figure Legend. Position of the stations comprising the data set (Table S1) on dissolved organic carbon and apparent oxygen utilisation in the ocean.
Table S1.

<table>
<thead>
<tr>
<th>I.D.</th>
<th>ref.</th>
<th>Region</th>
<th>cruise</th>
<th>sta</th>
<th>cast</th>
<th>bot</th>
<th>Latitude (N)</th>
<th>Longitude (E)</th>
<th>Depth or Range (m)</th>
<th>AOU (µM)</th>
<th>DOC (µM)</th>
<th>T/D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S1</td>
<td>Gulf of Mexico</td>
<td>Gyre 92G - 07</td>
<td></td>
<td></td>
<td></td>
<td>26.4-27.4</td>
<td>95 W</td>
<td>2 - 1550</td>
<td>-25.1</td>
<td>87.9</td>
<td>D</td>
</tr>
<tr>
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<td>S1</td>
<td>Gulf of Mexico</td>
<td>Gyre 92G - 07</td>
<td></td>
<td></td>
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<td>82.3</td>
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</tbody>
</table>

**Table Legend**  Concurrent estimates of dissolved organic carbon (DOC) and apparent oxygen utilization (AOU) in the ocean. The data were compiled from the published literature, data repositories (usjgofs.whoi.edu), and unpublished data from the authors, and include information on the geographic position, cruise identifier, station, cast, bottle, water depth and temperature, when available. Only reports of DOC concentrations determined using high temperature catalytic oxidation techniques, with appropriate blank corrections, have been used so as to ensure comparability. Most samples were not filtered before analysis and represent, therefore, total organic carbon (TOC). However, DOC comprises the bulk (> 97%) of TOC in the dark ocean. (double click on the data table to expand).

**reference**


**data repository**

usjgofs.whoi.edu
S11  J. Aristegui (unpublished)