Sulfur Cycle: DeMMO6_32

$H_2S\ (-2)$

$S\ (0)$

Step1: Sulfide oxidation

Step6: Sulfite reduction

Step2: Sulfur reduction

Step8: Thiosulfate disproportionation 1

$SO_3^{2-}\ (+4)$

$S_2O_3^{2-}\ (+2)$

Step3: Sulfur oxidatio

Step9: Thiosulfate disproportionation 2

$SO_3^{2-}\ (+4)$

Step7: Thiosulfate oxidation

Step5: Sulfate reduction

Step4: Sulfite oxidation

$SO_4^{2-}\ (+6)$