Sulfur Cycle: DeMMO5_19

$H_2S \ (-2)$

$S \ (0)$

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

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

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

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

Step1: Sulfide oxidation

Step2: Sulfur reduction

Step3: Sulfur oxidatic

Step4: Sulfite oxidation

Step5: Sulfate reduction

Step6: Sulfite reduction

Step7: Thiosulfate oxidation

Step8: Thiosulfate disproportionation 1

Step9: Thiosulfate disproportionation 2