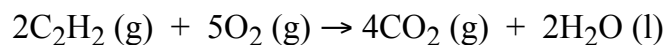


Name:**Score:** 0 / 17 points (0%) [1 open-ended question not graded]**C19PE****Multiple Choice***Identify the choice that best completes the statement or answers the question.**Use the table below to answer the questions that follow.*



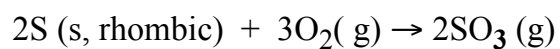
- ___ 1. The combustion of acetylene in the presence of excess oxygen yields carbon dioxide and water:



The value of ΔS° for this reaction is _____ J/K• mol.

- a. +689.3
- b. +122.3
- c. +432.4
- d. -122.3
- e. -432.4

ANSWER: E**POINTS:** 0 / 1


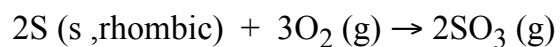
 nar002-1.jpg ____ 2. The value of ΔH° for the oxidation of solid elemental sulfur to gaseous sulfur trioxide,

is _____ kJ/mol.

- a. +790.4
- b. -790.4
- c. +395.2
- d. -395.2
- e. +105.1

ANSWER: B

POINTS: 0 / 1

 ____ 3. The value of ΔG° at 25°C for the oxidation of solid elemental sulfur to gaseous sulfur trioxide,

is _____ kJ/mol.

- a. +740.8
- b. -370.4

