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Authors: Jian Wang, Fei Zhao, Chunli Zhang, Lihua Kang,

Mingyuan Zhu

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### ACCEPTED MANUSCRIPT

# A novel S, N dual doped carbon catalyst for acetylene

### hydrochlorination

Jian Wang <sup>a</sup>, Fei Zhao <sup>a</sup>, Chunli Zhang <sup>a</sup>, Lihua Kang <sup>a, b</sup> Mingyuan Zhu<sup>a, b,\*</sup>

a. School of Chemistry and Chemical Engineering of Shihezi University, Shihezi, Xinjiang

832000, P.R. China.

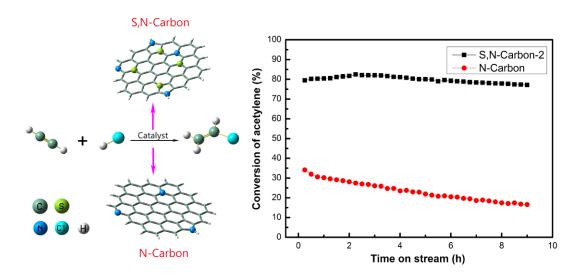
b. Key Laboratory for Green Processing of Chemical Engineering of Xinjiang Bingtuan,

Shihezi, Xinjiang 832000, P.R. China.

\* Corresponding Author Phone: +86 9932057270; Fax: +86 9932057210;

E-mail: zhuminyuan@shzu.edu.cn (Mingyuan Zhu);

#### Graphical abstract



#### Highlights:

- S, N dual doped carbon catalyst was prepared and applied in acetylene hydrochlorination.
- The obtained catalyst exhibits excellent catalytic performance for acetylene hydrochlorination.

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