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VAPORS. [1961] 8p. 4 refs.  
Order from OTS or SLA \$1.10

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Trans. of Zhurnal Prikladnoi Khimii (USSR) 1940,  
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DESCRIPTORS: \*Benzenes, Water vapor, Thermo-  
chemistry.

Nomograms were constructed, based on reliable data  
for benzene, which may be used for determination of  
the heat content and entropy of mixtures of vapors of  
benzene and water, as well as partial pressures of the  
components at different concentrations and pressures.  
Examples of use of the nomograms are given. (Author)

(Chemistry--Physical, TT, v. 6, no. 7)

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1. Bal'yan, S. V.

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THERMODYNAMICAL CHARACTERISTICS OF BEN-  
ZENE. [1961] 9p. 11 refs. 61-16932  
Order from OTS or SLA \$1.10

Trans. of [Khimicheskaya Promyshlennost'] (USSR) 1961,  
v. 18, no. 17, p. 12-18.

DESCRIPTORS: \*Benzenes, Thermodynamics,  
Thermochemistry.

For the calculation of chemical, technological and thermal processes involving benzene or benzene-containing mixtures, thermodynamical data characterizing benzene are necessary. These data, as reported in the present article, are based on correlation, analysis and development of all existing theoretical and experimental data on benzene, and are suitable for practical employment.  
(Author)

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