8330f16, Peer Review of A01 by _____ (authors' names)

	Beginning, 1	Developing, 2	Accomplished, 3	Exemplary, 4	Score
Data Veracity	More than 2 data point are incorrect in number or unit.	At least 2 data point is incorrect in number or unit.	At least 1 data point is incorrect in number or unit.	Data internally consistent, given with correct units, and appear fully correct.	/4
Data Table	Incomplete data set.	Complete data listed in five columns. Minor issues with column sequence and units.	Complete data listed in five columns. Minor issues with column sequence or units.	Data listed in five columns, in the correct order, and with correct units.	/4
Headers **Counts 0.5**	Two column headers contain parameter <u>and</u> units.	Three column headers contain parameter <u>and</u> units.	Four column headers contain parameter <u>and</u> units.	Five column headers contain parameter <u>and</u> units.	/2
Numerical Accuracy **Counts 0.5**	Data in 1 or 2 columns is provided with the requested numerical accuracy.	Data in at least 3 columns is provided with the requested numerical accuracy.	Data in at least 4 columns is provided with the requested numerical accuracy.	Data in all 5 columns is provided with the requested numerical accuracy.	/2
Marked Scatter Plot	Incorrect chart type. Problems with mark control and/or axes choices.	All data shown. Problems with mark control and/or axes choices.	All data properly marked (symbol, color, size) but lacking axes display (major / minor ticks, labels).	All data shown, properly marked (symbol, color, size), intuitive axes choices (major / minor ticks, labels).	/4
Sheets	No idea about sheets.	Several sheets used. Defect partitioning and / or labels.	Data on one sheet. Plot on separate sheet. No sheets labels.	Data on one sheet. Plot on separate sheet. Sheets labeled.	/4
Experimental **Counts 0.5**	No link to experimentation.	Some expl. structure and/or property data included.	Experimental inversion barrier included.	Experimental gas-phase inversion barrier included.	/2 (extra)
				Total (Max. 20)	

Constructive Comments (to guide the authors' revision):