

Quantachrome QuadraWin - Data Acquisition and Reduction  
for QuadraSorb SI  
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version 5.02



**Analysis**

Operator: Alex  
Sample ID: Katya

Date: 6/30/2021

Filename:  
Comment:

**Report**

Operator: operator  
G:\QW2\_210701\_01.QPS

Date: 7/8/2021

Sample Desc: 6  
Sample weight: 0.1800 g

Analysis Time: 815.6 min

Void Vol.: He Mode. Cell: 9mm no bulb

Outgas Time: 3.0 hrs

Analysis gas: Nitrogen

Press. Tolerance: 0.030/0.030 (ads/des)

End of run:

Run mode:

Outgas Temp:

Bath Temp:

Equil time:

6/30/2021 22:38:38

Standard

100.0 C

77.3 K

600/600 sec (ads/des)

Instrument:

QuadraSorb Station 2

Equil timeout:

900/900 sec (ads/des)

**Data Reduction Parameters**

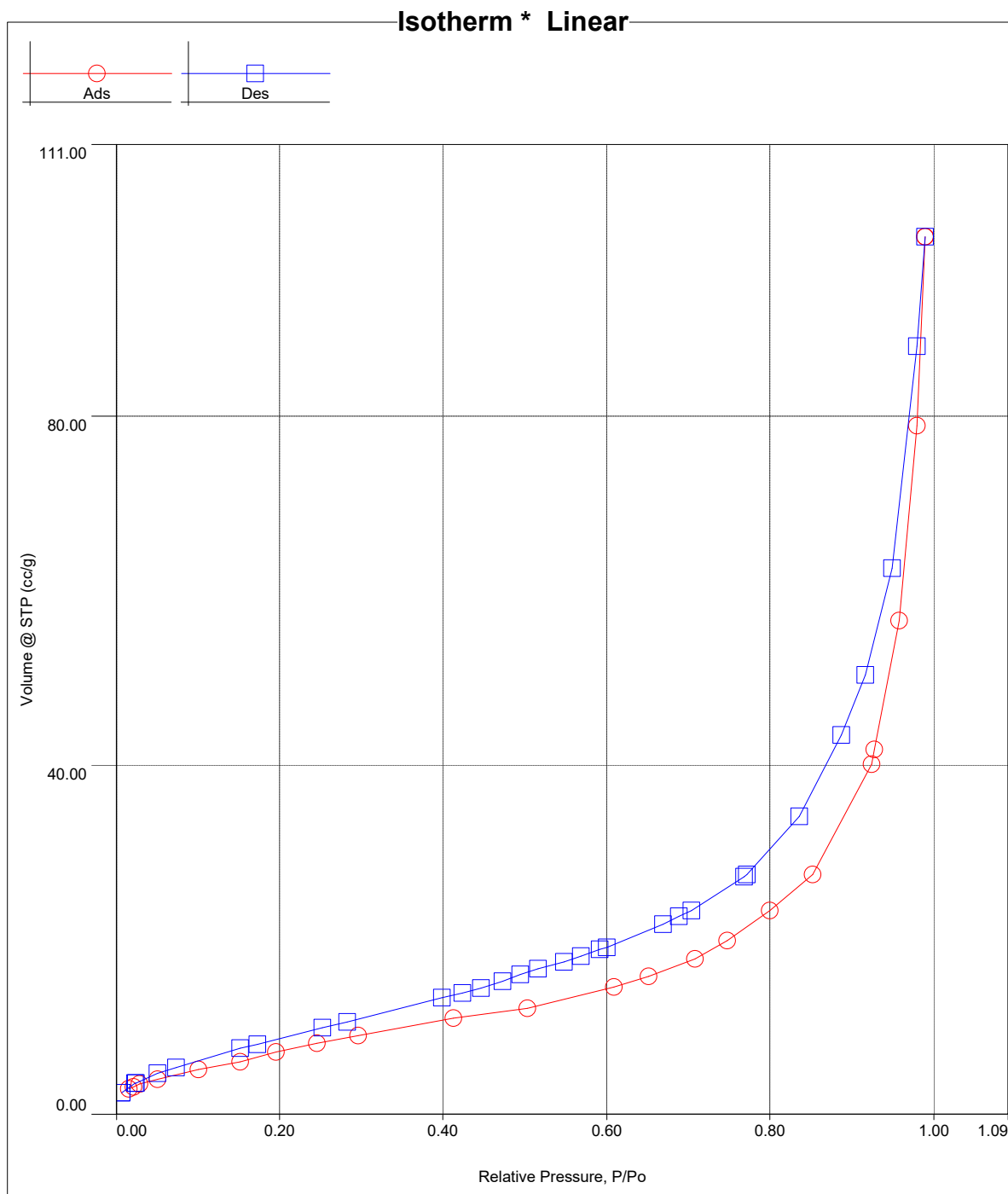
<b>Adsorbate</b>	<b>Nitrogen</b>	<b>Temperature</b>	77.350K	<b>Liquid Density:</b>	0.806 g/cc
	<b>Molec. Wt.:</b> 28.013 g	<b>Cross Section:</b>	16.200 EI		

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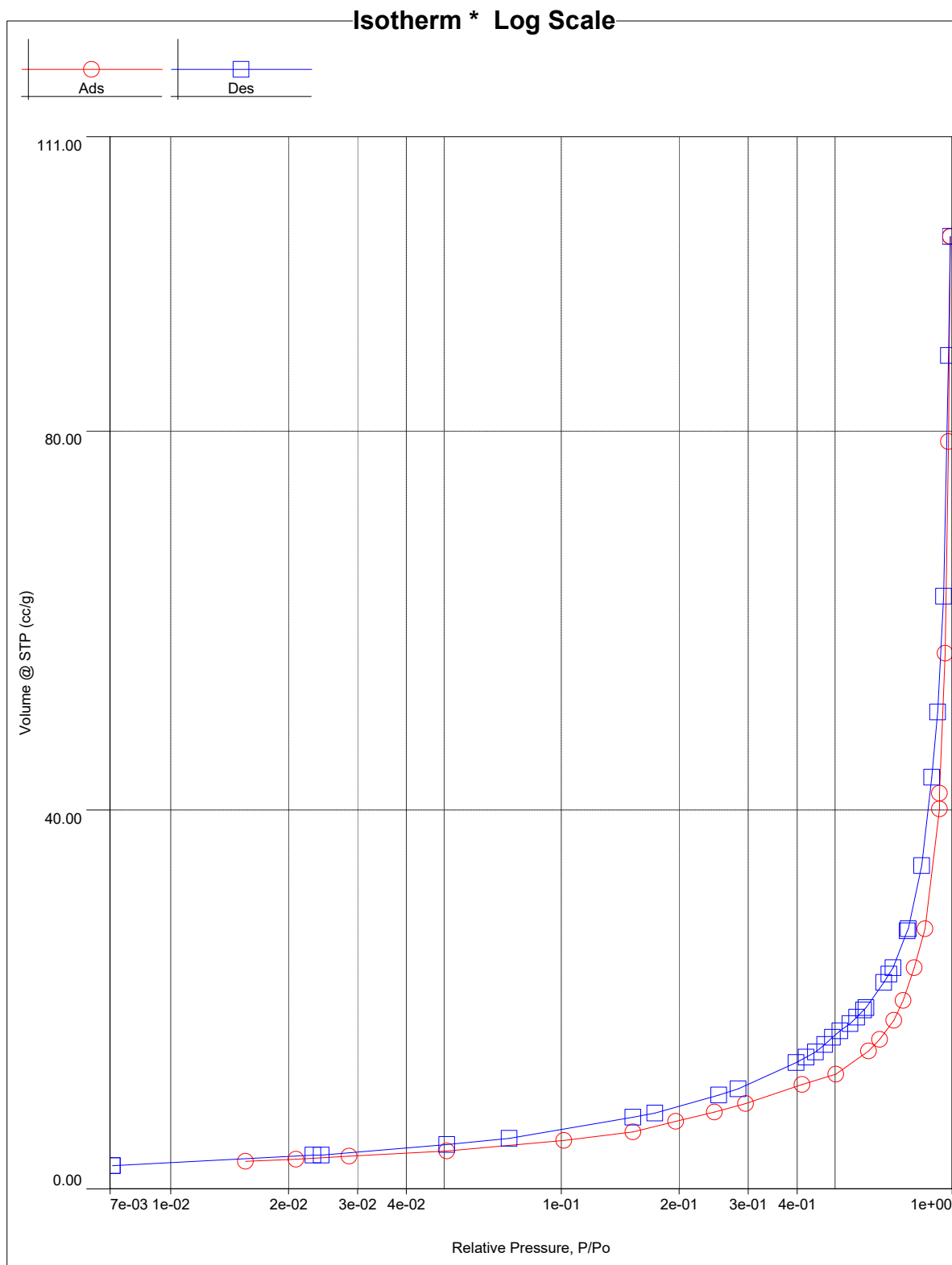


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**Isotherm**

Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]
1.55540e-02	2.9699	9.23806e-01	40.1645	5.68098e-01	18.1693
2.08987e-02	3.1987	9.27097e-01	41.7768	5.47832e-01	17.5289
2.86097e-02	3.4695	9.57880e-01	56.5904	5.16067e-01	16.6857
5.08374e-02	4.0710	9.79386e-01	78.8251	4.94042e-01	16.0384
1.01288e-01	5.1234	9.89366e-01	100.4567	4.72141e-01	15.2104
1.52401e-01	6.0960	9.79323e-01	87.9795	4.46437e-01	14.4764
1.95906e-01	7.1227	9.49357e-01	62.5983	4.23566e-01	13.9591
2.46243e-01	8.1395	9.16462e-01	50.3283	3.98109e-01	13.4242
2.95931e-01	9.0899	8.86873e-01	43.4957	2.83323e-01	10.6443
4.12805e-01	11.0074	8.35524e-01	34.1510	2.52859e-01	9.9824
5.02491e-01	12.1538	7.71015e-01	27.5090	1.72698e-01	8.0346
6.09074e-01	14.6259	7.67640e-01	27.2566	1.51785e-01	7.5626
6.51467e-01	15.8126	7.03078e-01	23.3228	7.32368e-02	5.3961
7.07639e-01	17.8281	6.88750e-01	22.6548	5.09078e-02	4.6979
7.47202e-01	19.9739	6.68171e-01	21.7688	2.42924e-02	3.6566
7.99518e-01	23.3802	6.00183e-01	19.1463	2.31090e-02	3.6009
8.51617e-01	27.4716	5.91147e-01	18.9265	7.09654e-03	2.5409