

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



**Analysis**

**Operator:**Alex  
**Sample ID:** Katya  
**Sample Desc:** 5  
**Sample weight:** 0.2050 g  
**Analysis Time:** 964.4 min  
**Void Vol.:** He Mode.Cell: 9mm no bulb  
**Outgas Time:** 4.0 hrs  
**Analysis gas:** Nitrogen  
**Press. Tolerance:** 0.030/0.030 (ads/des)

**Date:**6/25/2021  
**Filename:**  
**Comment:**

**Report**

**Operator:**operator  
**Filename:** G:\QW2\_210625\_01.QPS

**Date:**7/8/2021

**End of run:** 6/25/2021 0:04:42  
**Run mode:** Standard  
**OutgasTemp:** 100.0 C  
**Bath Temp:** 77.3 K  
**Equil time:** 600/600 sec (ads/des)  
**Instrument:** QuadraSorb Station 2  
**Equil timeout:** 900/900 sec (ads/des)

**Data Reduction Parameters**

<b>Adsorbate</b>	Nitrogen	<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		

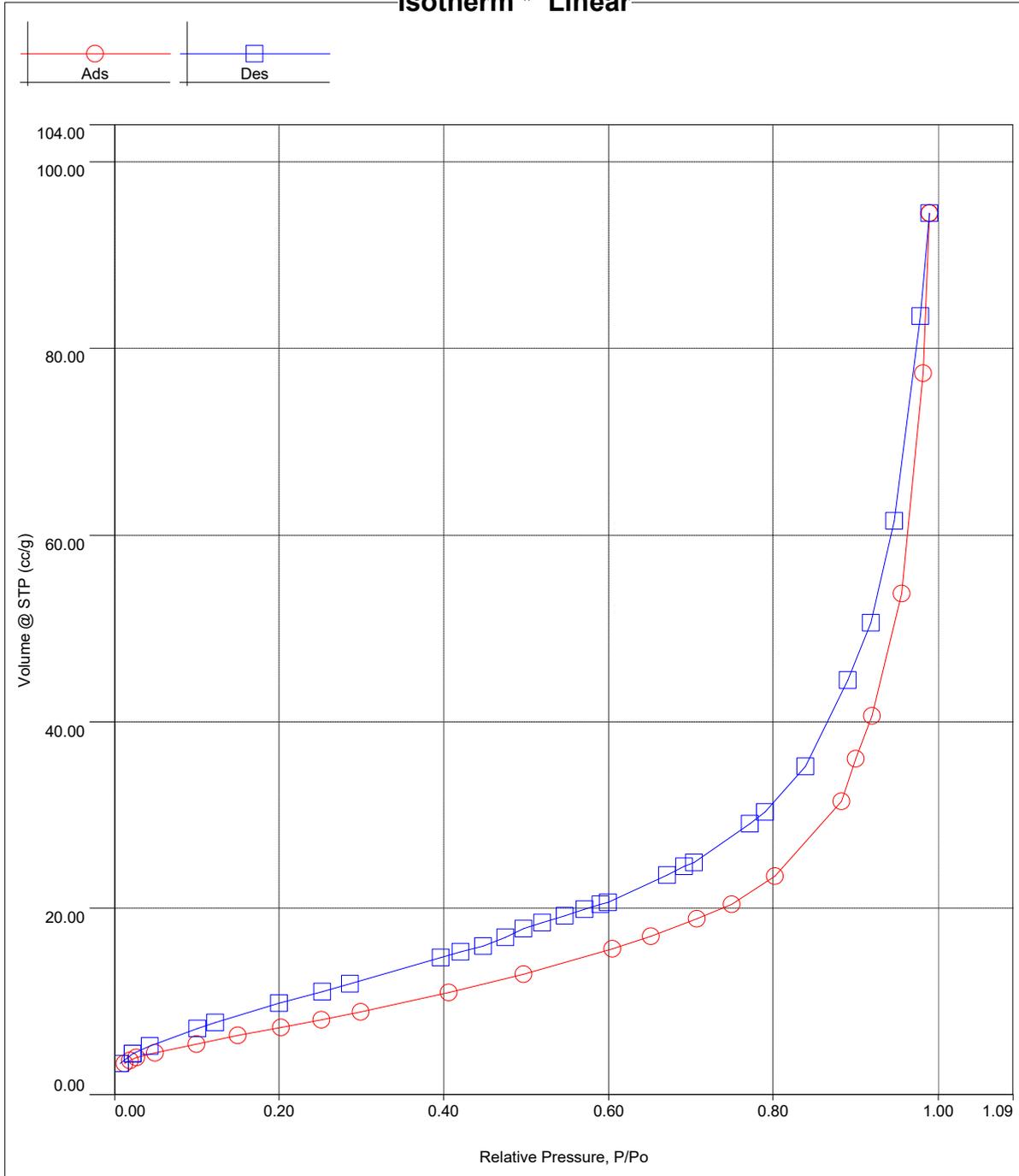
**Analysis**  
Operator: Alex  
Sample ID: Katya

Date: 6/25/2021  
Filename:

**Report**  
Operator: operator  
G:\QW2\_210625\_01.QPS

Date: 7/8/2021

Isotherm \* Linear

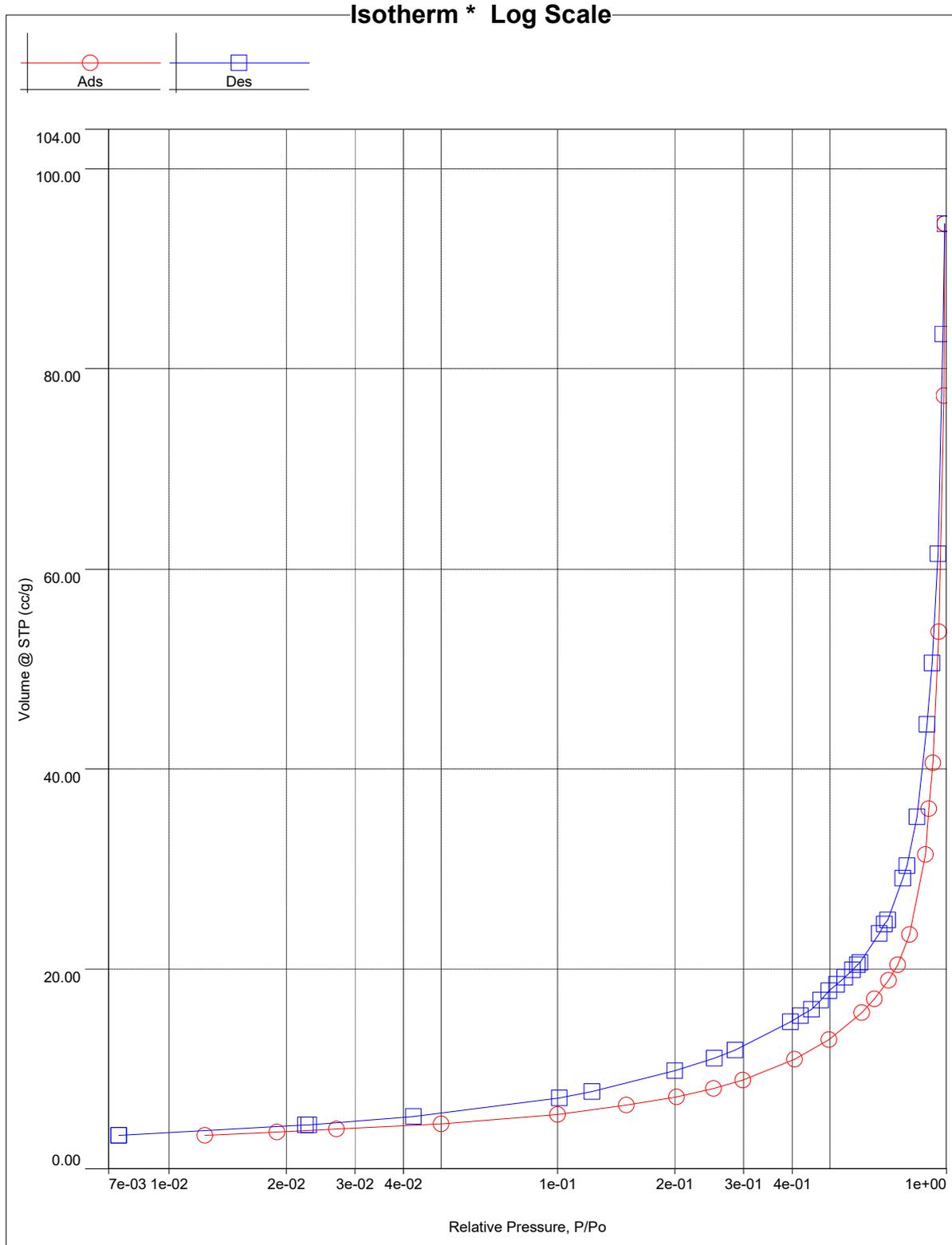


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**Isotherm**

Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]
1.23534e-02	3.3574	9.00111e-01	36.0060	5.70897e-01	19.8961
1.89736e-02	3.6711	9.19756e-01	40.5974	5.46502e-01	19.2350
2.69313e-02	3.9632	9.55505e-01	53.7346	5.19907e-01	18.5002
4.99886e-02	4.5667	9.81516e-01	77.3654	4.96821e-01	17.8542
9.96757e-02	5.5047	9.89358e-01	94.4528	4.75039e-01	16.9367
1.50190e-01	6.4198	9.78510e-01	83.4449	4.47750e-01	16.0099
2.01728e-01	7.2498	9.47018e-01	61.4962	4.20478e-01	15.3310
2.51601e-01	8.0658	9.18463e-01	50.6180	3.96720e-01	14.7543
2.98965e-01	8.8979	8.89597e-01	44.4271	2.86286e-01	11.8931
4.05748e-01	10.9458	8.39080e-01	35.1753	2.52279e-01	11.0559
4.97024e-01	12.9334	7.89388e-01	30.3469	2.00198e-01	9.7771
6.04537e-01	15.6996	7.71539e-01	29.0732	1.22458e-01	7.7176
6.50892e-01	16.9913	7.03721e-01	24.9378	1.00619e-01	7.0967
7.07124e-01	18.8642	6.91204e-01	24.4428	4.25876e-02	5.2527
7.49011e-01	20.4803	6.70626e-01	23.5707	2.28042e-02	4.4201
8.01706e-01	23.5023	5.99038e-01	20.6754	2.24182e-02	4.3975
8.81990e-01	31.4755	5.89756e-01	20.4139	7.42687e-03	3.3819