

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



Analysis

Operator: Alex

Date: 7/2/2021

Sample ID: Katya

Filename:

Sample Desc: 7

Comment:

Sample weight: 0.1420 g

Analysis Time: 818.9 min

End of run: 7/2/2021 0:10:19

Instrument: QuadraSorb Station 2

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

Run mode: Standard

Outgas Time: 3.0 hrs

Outgas Temp: 100.0 C

Analysis gas: Nitrogen

Bath Temp: 77.3 K

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

Equil time: 600/600 sec (ads/des)

Equil timeout: 900/900 sec (ads/des)

Data Reduction Parameters

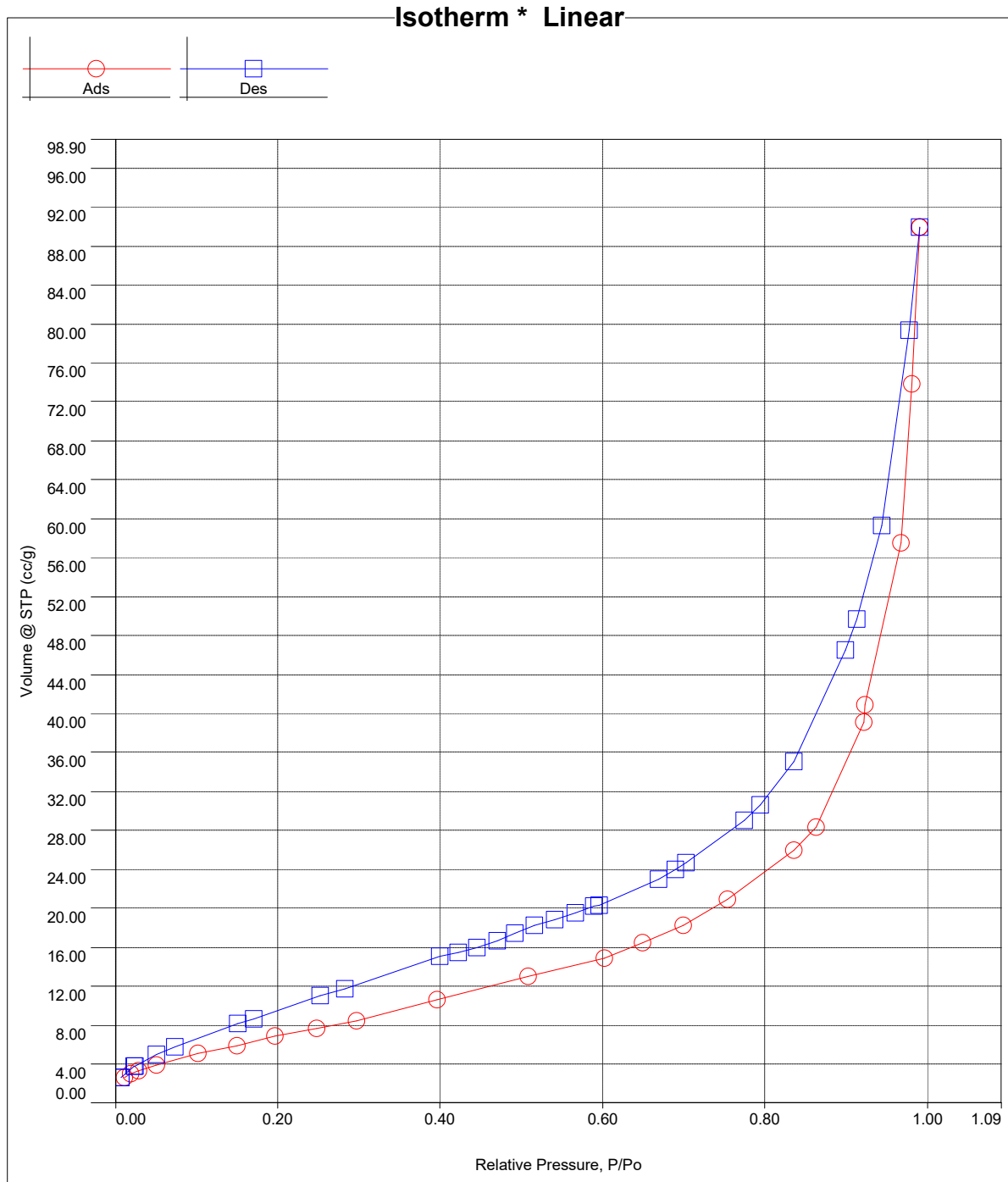
Adsorbate	Nitrogen	Temperature	77.350K	Liquid Density:	0.806 g/cc
	Molec. Wt.: 28.013 g	Cross Section:	16.200 EI		

Analysis
Operator:Alex
Sample ID: Katya

Date:7/2/2021
Filename:

Report
Operator:operator
G:\\QW2_210702_01.QPS

Date:7/8/2021

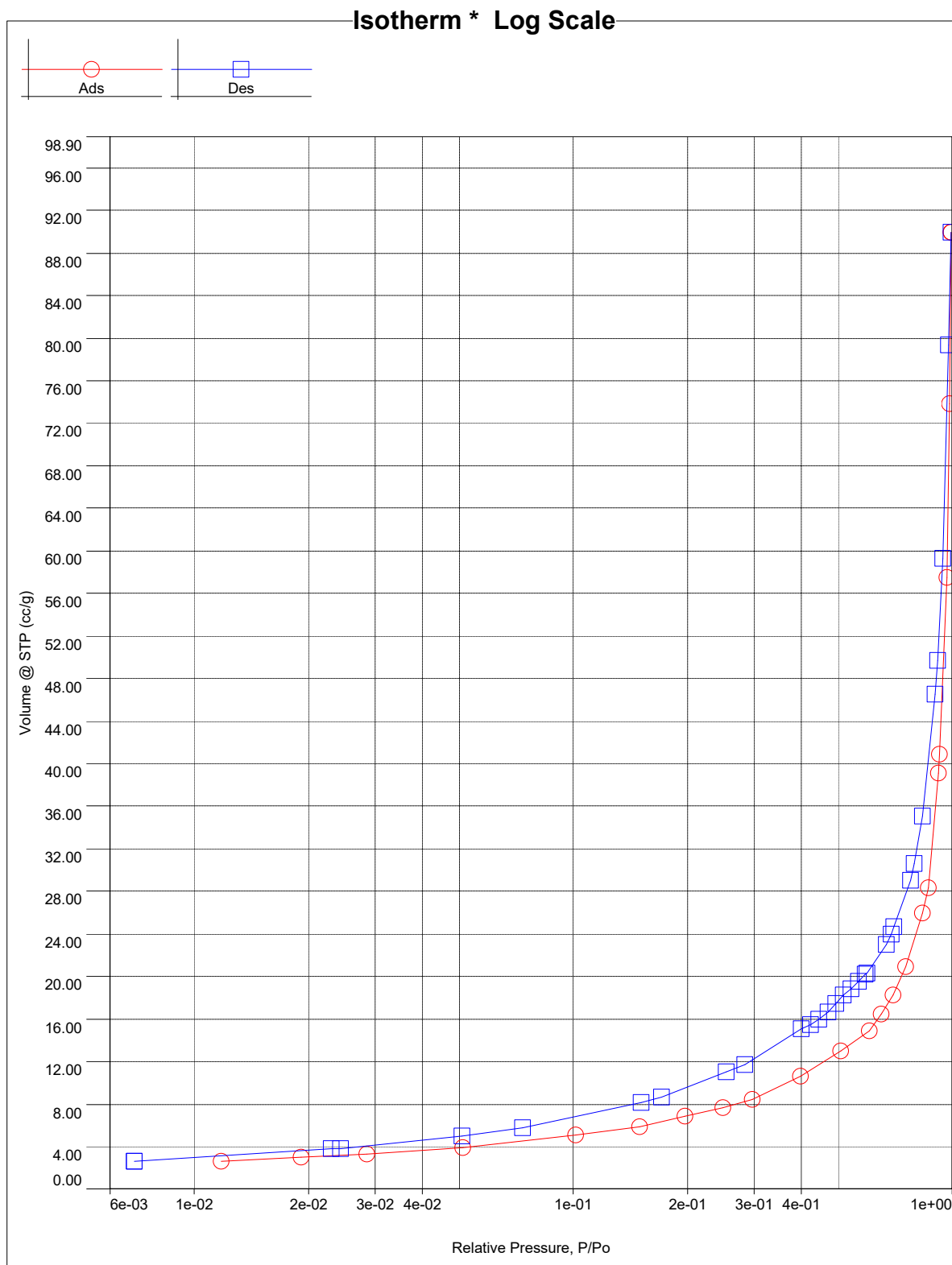


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Date: 7/8/2021

Isotherm

Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]
1.17805e-02	2.6152	9.21311e-01	39.1079	5.66345e-01	19.5080
1.91123e-02	2.9794	9.22774e-01	40.8492	5.40910e-01	18.8207
2.85105e-02	3.3265	9.66847e-01	57.4753	5.15936e-01	18.2195
5.11392e-02	3.9297	9.80710e-01	73.8010	4.91729e-01	17.4975
1.01435e-01	5.0637	9.90730e-01	89.9045	4.69812e-01	16.6679
1.49585e-01	5.8662	9.76711e-01	79.3810	4.44913e-01	16.0130
1.96667e-01	6.8556	9.43629e-01	59.2988	4.22490e-01	15.4929
2.47912e-01	7.6475	9.12930e-01	49.7050	3.99064e-01	15.1075
2.97002e-01	8.5025	8.99214e-01	46.5096	2.83221e-01	11.7581
3.96684e-01	10.6258	8.35805e-01	35.0291	2.52779e-01	10.9812
5.08834e-01	13.0030	7.93895e-01	30.6015	1.70753e-01	8.7025
6.02616e-01	14.9023	7.74488e-01	29.0763	1.51327e-01	8.1663
6.49202e-01	16.4553	7.02471e-01	24.6442	7.35612e-02	5.7553
6.98816e-01	18.2801	6.89117e-01	23.9852	5.07208e-02	4.9576
7.53561e-01	20.9490	6.68264e-01	23.0382	2.42953e-02	3.8264
8.35701e-01	25.9163	5.95619e-01	20.2778	2.30192e-02	3.7597
8.62242e-01	28.3289	5.89400e-01	20.2010	6.92902e-03	2.6349