



Analysis

Operator: ASiQwin
Sample ID: lxx-1
Sample Desc:
Sample Weight: 0.0332 g
Outgas Time: 10.0 hrs
Analysis gas: Nitrogen
Analysis Time: 26:55 hr:min
Analysis Mode: Standard
VoidVol. Mode: He Measure

Date: 2021/10/21

Filename:
Comment:
Instrument:
Outgas Temp.: 200 °C
Non-ideality: 6.58e-05 1/Torr
Bath temp.: 77.35 K

Report

Operator: quantachrome
Date: 2021/10/25
20211019-lxx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps
N2- micro/mesopore analysis-general
Autosorb iQ Station 1
CellType: 9mm w/o rod
VoidVol Remeasure: off
Warm Zone V: 14.8063 cc

Data Reduction Parameters

<u>t-Method</u>	Thermal Transpiration: on	Eff. mol. diameter (D): 3.54 Å	Eff. cell stem diam. (d): 4.0000 mm
<u>BJH/DH method</u>	Calc. method: de Boer	Ignoring P-tags below 0.35 P/Po	
<u>HK method</u>	Moving pt. avg.: off		
<u>DFT method</u>	Tabulated data interval: 1		
	Calc. Model: N2 at 77 K on carbon (slit/cylindr. pores, QSDFT adsorption branch)		
	Rel. press. range: 0.0000 - 1.0000		Moving pt. avg: off
<u>Adsorbate model</u>	Nitrogen	Temperature 77.350K	
	Molec. Wt.: 28.013	Cross Section: 16.200 Å²	Liquid Density: 0.808 g/cc
	Avg. Diameter: 0.300 nm	Polarizability: 1.460 (cc/molec) x 10 ⁻²⁴	Magn. Suscept.: 2.000
	Molec. Density: 6.700 (mol/cm²) x 10 ¹⁴		
<u>Adsorbent model</u>	Carbon		
	Atom Diameter: 0.340 nm	Surf. Atom Dens.: 38.450 (mol/cm²) x 10 ¹⁴	Polarizability: 1.020 (cc/molec) x 10 ⁻²⁴
		Magn. Susc.: 13.500 (cc/molec) x 10 ⁻²⁹	

Volume/Area summary

Surface Area Data

MultiPoint BET.....	1.193e+03 m²/g
Langmuir surface area.....	1.795e+03 m²/g
BJH method cumulative adsorption surface area.....	3.892e+02 m²/g
BJH method cumulative desorption surface area.....	6.043e+02 m²/g
DH method cumulative adsorption surface area.....	3.968e+02 m²/g
DH method cumulative desorption surface area.....	6.177e+02 m²/g
t-method external surface area.....	7.642e+02 m²/g
t-method micropore surface area.....	4.286e+02 m²/g
DFT cumulative surface area.....	1.121e+03 m²/g

Pore Volume Data

Total pore volume for pores with Diameter less than 380.43 nm at P/Po = 0.994944.....	1.364e+00 cc/g
BJH method cumulative adsorption pore volume.....	9.382e-01 cc/g
BJH method cumulative desorption pore volume.....	1.030e+00 cc/g
DH method cumulative adsorption pore volume.....	9.178e-01 cc/g
DH method cumulative desorption pore volume.....	1.012e+00 cc/g
t-method micropore volume.....	1.887e-01 cc/g
HK method micropore volume.....	4.856e-01 cc/g
SF method micropore volume.....	3.407e-01 cc/g
DFT method cumulative pore volume.....	1.210e+00 cc/g

Pore Size Data

Average pore Diameter.....	4.573e+00 nm
BJH method adsorption pore Diameter (Mode Dv(d)).....	3.408e+00 nm
BJH method desorption pore Diameter (Mode Dv(d)).....	3.823e+00 nm
DH method adsorption pore Diameter (Mode Dv(d)).....	3.408e+00 nm
DH method desorption pore Diameter (Mode Dv(d)).....	3.823e+00 nm
HK method pore Diameter (Mode).....	4.825e-01 nm
SF method pore Diameter (Mode).....	8.306e-01 nm
DFT pore Diameter (Mode).....	5.450e-01 nm



Analysis

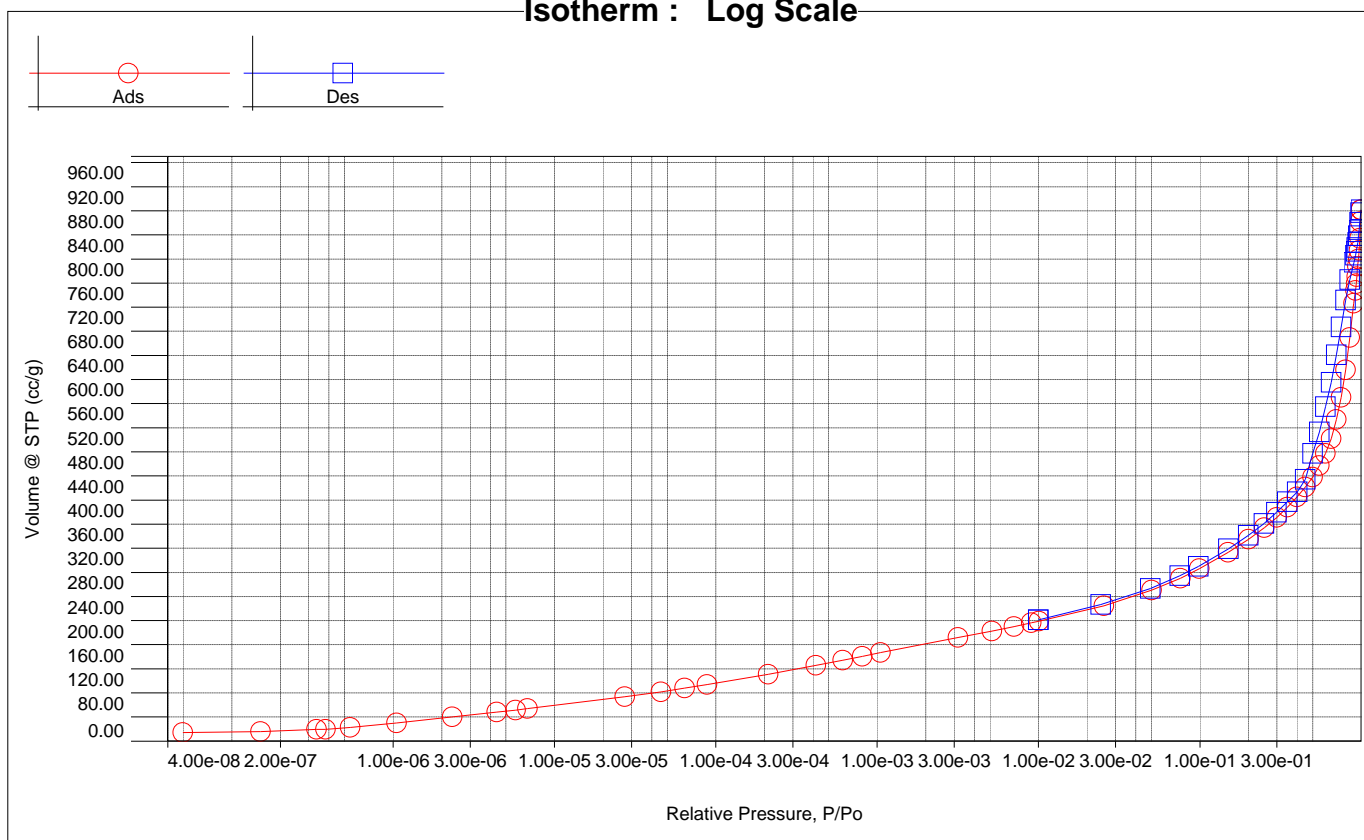
Operator: ASiQwin
Sample ID: ljsx-1

Date: 2021/10/21
Filename:

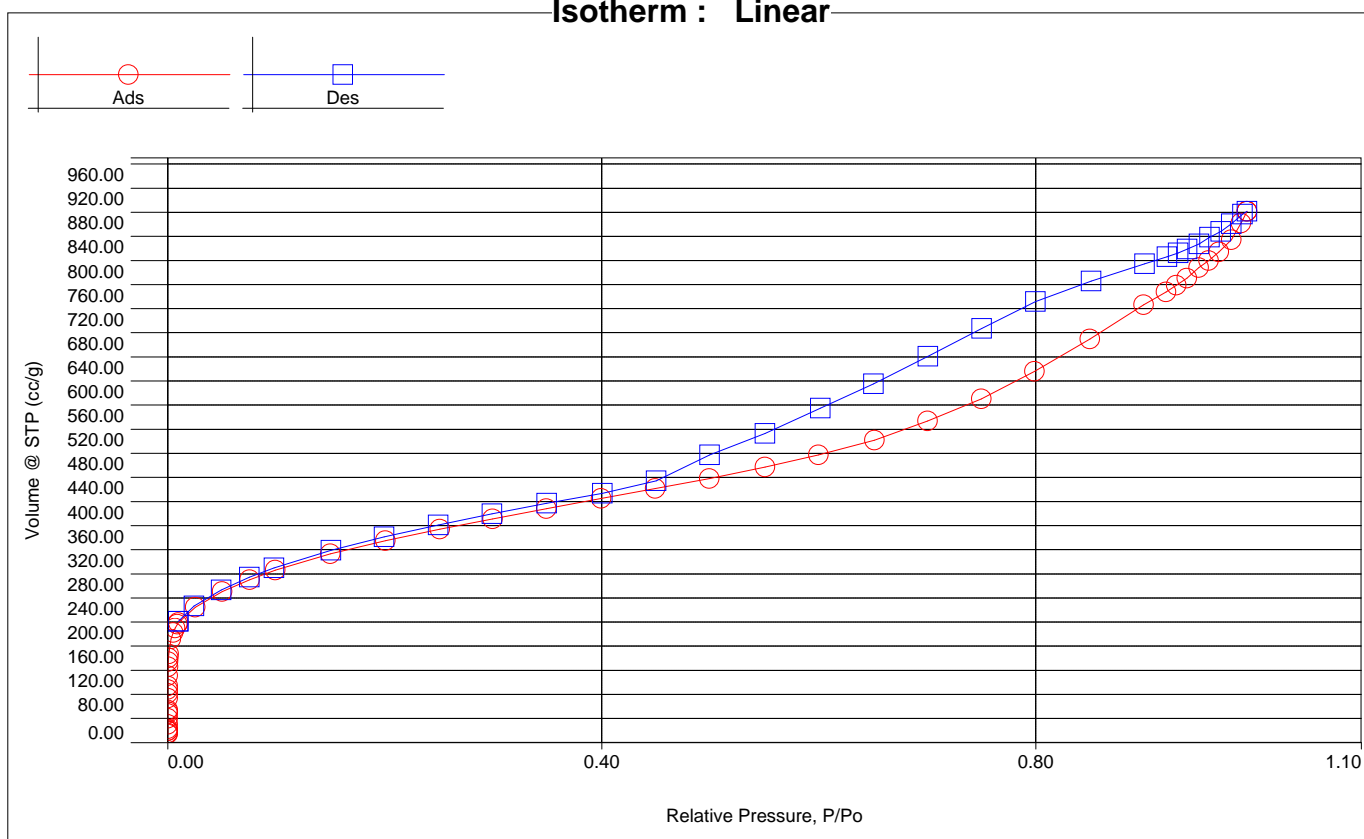
Report

Operator: quantachrome
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20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Isotherm : Log Scale



Isotherm : Linear



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Acquisition and Reduction
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 version 4.0



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Isotherm

Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]	Relative Pressure	Volume @ STP [cc/g]
4.97374e-08	13.9088	1.49943e-01	313.0276	9.60397e-01	838.8355
1.51162e-07	15.9819	2.00812e-01	335.0575	9.50416e-01	827.1931
3.35572e-07	19.3853	2.50823e-01	354.0254	9.39685e-01	818.7018
3.81073e-07	19.3928	2.99498e-01	370.8729	9.31462e-01	812.4108
5.41865e-07	22.8002	3.49032e-01	388.3366	9.21068e-01	805.9365
1.05145e-06	30.3337	3.99503e-01	404.8832	9.00327e-01	794.3665
2.32976e-06	40.2225	4.49549e-01	421.3088	8.51238e-01	765.5893
4.39820e-06	48.0509	4.99120e-01	438.1253	7.99857e-01	731.7040
5.76025e-06	51.4403	5.50447e-01	456.9259	7.50416e-01	687.4130
6.82205e-06	53.8929	5.99856e-01	477.2277	7.00599e-01	641.1486
2.72596e-05	73.3501	6.51354e-01	501.8931	6.50564e-01	595.4509
4.57458e-05	81.7498	7.00464e-01	533.4529	6.01633e-01	554.8199
6.41701e-05	87.6988	7.49914e-01	570.2873	5.50729e-01	512.6605
8.81488e-05	93.5565	7.99008e-01	616.0369	4.99432e-01	477.3650
2.11623e-04	110.8941	8.49934e-01	669.4443	4.50366e-01	434.3796
4.16489e-04	125.6278	8.99654e-01	726.3861	4.00783e-01	413.8012
6.11842e-04	134.3655	9.20056e-01	747.9540	3.49331e-01	397.1033
8.09576e-04	140.8248	9.29537e-01	758.9961	2.99078e-01	379.3974
1.05204e-03	146.8264	9.39413e-01	770.8176	2.49558e-01	361.0982
3.17621e-03	171.7513	9.50180e-01	788.4029	1.99675e-01	341.2535
5.13637e-03	182.7193	9.59262e-01	799.8683	1.50631e-01	319.0066
7.04034e-03	190.1875	9.68878e-01	814.3432	9.80181e-02	289.6747
9.04899e-03	196.2502	9.80332e-01	834.2288	7.53210e-02	274.2015
1.00474e-02	198.8479	9.89285e-01	861.9507	4.93849e-02	253.1580
2.54810e-02	224.6041	9.94944e-01	881.5481	2.43846e-02	226.3529
5.02801e-02	250.3126	9.90710e-01	876.6735	9.98605e-03	201.1440
7.56937e-02	270.4032	9.80313e-01	861.0629		
9.93465e-02	285.9524	9.70607e-01	847.9182		



Analysis

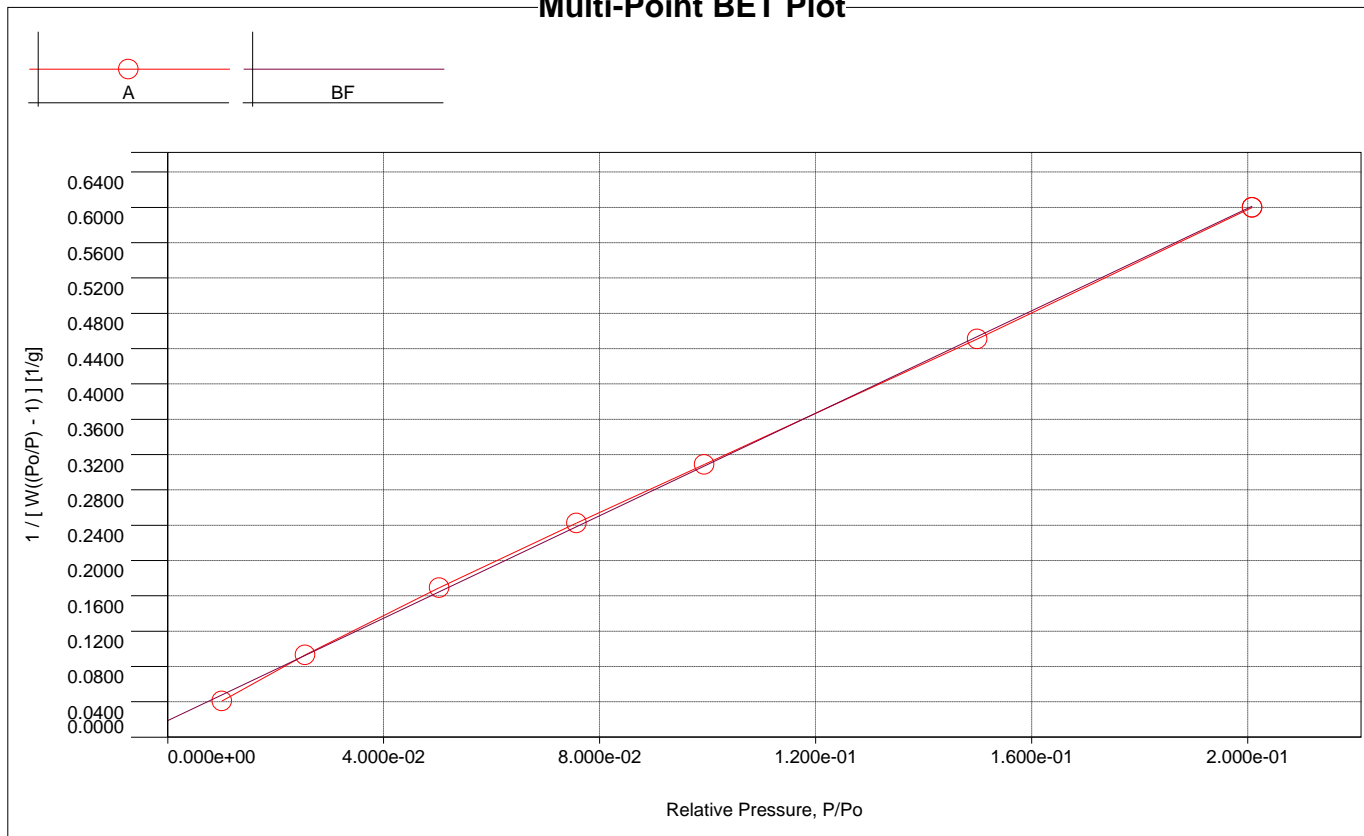
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Multi-Point BET Plot



Multi-Point BET

Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((Po/P) - 1)] [1/g]	Relative Pressure [P/Po]	Volume @ STP [cc/g]	1 / [W((Po/P) - 1)] [1/g]
1.00474e-02	198.8479	4.0838e-02	9.93465e-02	285.9524	3.0864e-01
2.54810e-02	224.6041	9.3145e-02	1.49943e-01	313.0276	4.5087e-01
5.02801e-02	250.3126	1.6923e-01	2.00812e-01	335.0575	6.0003e-01
7.56937e-02	270.4032	2.4232e-01			

MBET summary

Slope = 2.901 1/g
Intercept = 1.870e-02 1/g
Correlation coefficient, r = 0.999790
C constant = 156.108
Surface Area = 1192.843 m²/g



Analysis

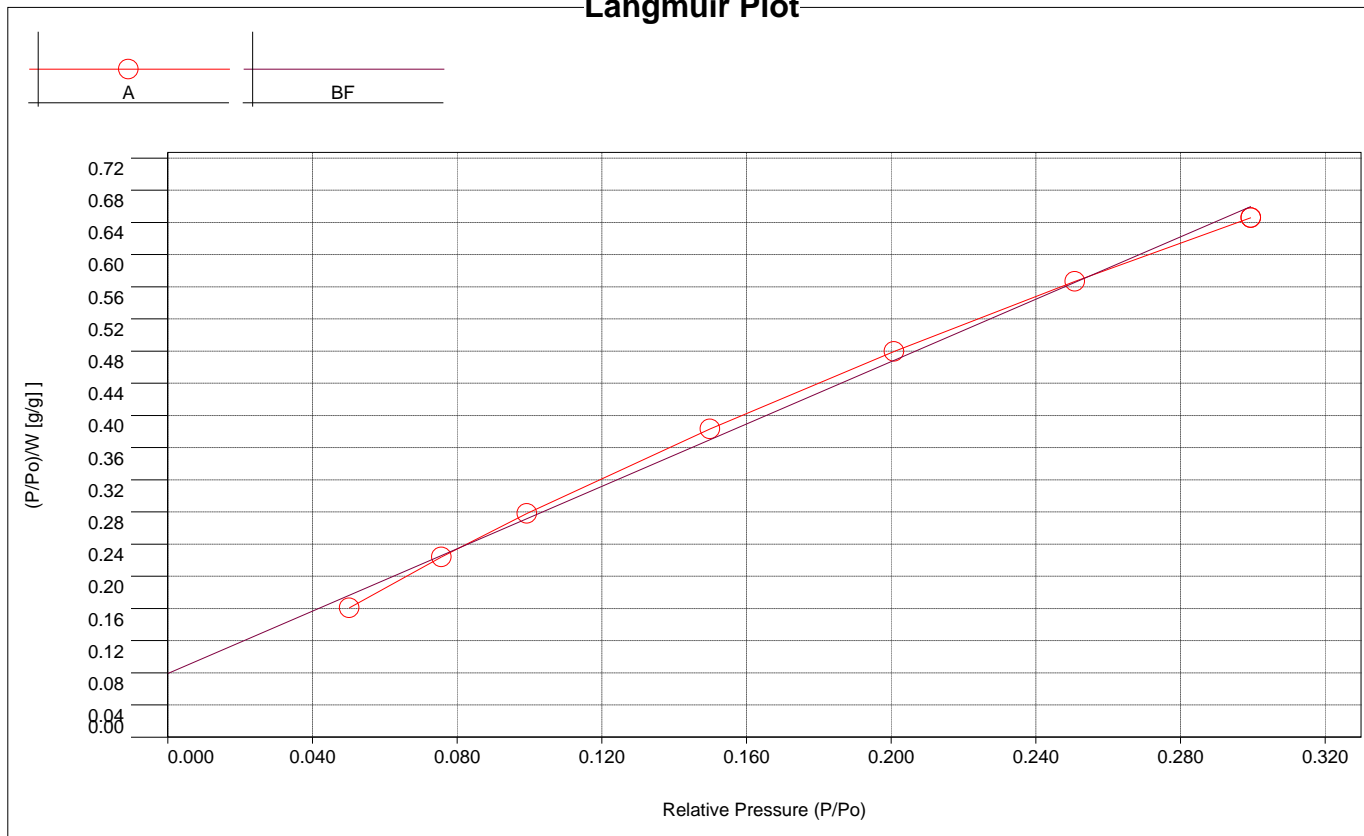
Operator: ASiQwin
Sample ID: ljsx-1

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Langmuir Plot



Langmuir

P/Po	P/Po/W [(g/g)]	P/Po	P/Po/W [(g/g)]
5.02801e-02	1.6072e-01	2.00812e-01	4.7954e-01
7.56937e-02	2.2397e-01	2.50823e-01	5.6687e-01
9.93465e-02	2.7798e-01	2.99498e-01	6.4613e-01
1.49943e-01	3.8326e-01		

Langmuir summary

Slope = 1.94009
Intercept = 0.07902
Correlation coefficient, r = 0.998
Surface Area = 1795.024 m²/g



Analysis

Operator:

ASiQwin

Date:2021/10/21

Report

Operator:

quantachrome

Date:2021/10/25

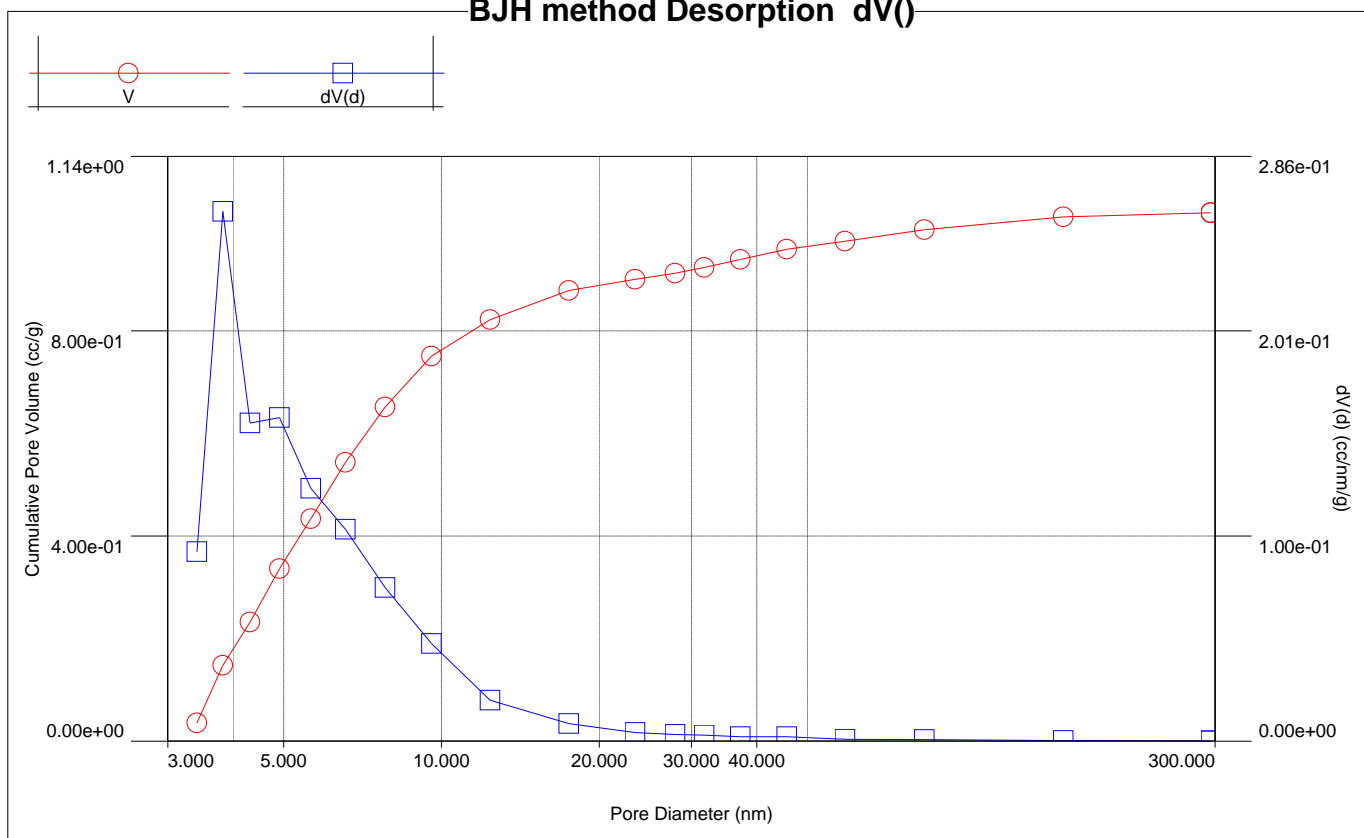
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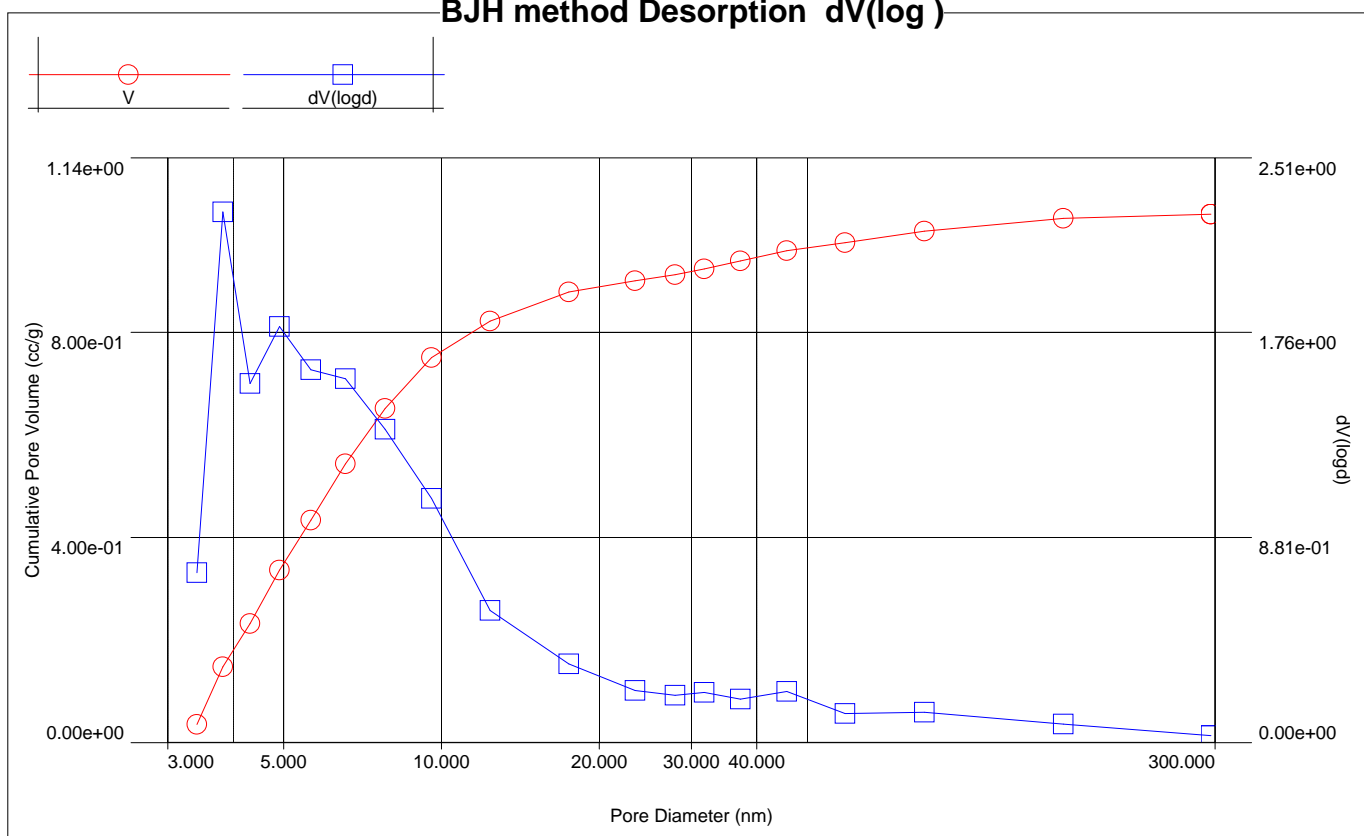
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20211019-ljx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

BJH method Desorption dV()



BJH method Desorption dV(log)





Analysis

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Desorption

Diameter	Pore Volume	Pore Surf Area	dV(d)	dS(d)	dV(logd)	dS(logd)
[nm]	[cc/g]	[m²/g]	[cc/nm/g]	[m²/nm/g]	[cc/g]	[cc/g]
3.4159	3.5120e-02	4.1125e+01	9.2745e-02	1.0860e+02	7.2872e-01	8.5334e+02
3.8227	1.4786e-01	1.5909e+02	2.5920e-01	2.7122e+02	2.2790e+00	2.3847e+03
4.3106	2.3200e-01	2.3718e+02	1.5556e-01	1.4435e+02	1.5420e+00	1.4309e+03
4.9097	3.3598e-01	3.2188e+02	1.5822e-01	1.2890e+02	1.7859e+00	1.4550e+03
5.6348	4.3399e-01	3.9146e+02	1.2359e-01	8.7735e+01	1.6009e+00	1.1364e+03
6.5587	5.4336e-01	4.5816e+02	1.0368e-01	6.3230e+01	1.5624e+00	9.5284e+02
7.8052	6.5131e-01	5.1349e+02	7.5064e-02	3.8469e+01	1.3452e+00	6.8941e+02
9.5683	7.5104e-01	5.5518e+02	4.7760e-02	1.9966e+01	1.0481e+00	4.3814e+02
12.3906	8.2223e-01	5.7816e+02	2.0018e-02	6.4622e+00	5.6717e-01	1.8310e+02
17.4979	8.7870e-01	5.9107e+02	8.4815e-03	1.9389e+00	3.3756e-01	7.7166e+01
23.4353	9.0043e-01	5.9478e+02	4.1655e-03	7.1099e-01	2.2385e-01	3.8207e+01
27.9301	9.1236e-01	5.9649e+02	3.1622e-03	4.5287e-01	2.0305e-01	2.9080e+01
31.7608	9.2385e-01	5.9793e+02	2.9547e-03	3.7211e-01	2.1581e-01	2.7179e+01
37.1947	9.3907e-01	5.9957e+02	2.1810e-03	2.3454e-01	1.8624e-01	2.0028e+01
45.6034	9.5964e-01	6.0137e+02	2.0911e-03	1.8341e-01	2.1872e-01	1.9184e+01
58.9709	9.7525e-01	6.0243e+02	9.2358e-04	6.2647e-02	1.2455e-01	8.4480e+00
83.5116	9.9730e-01	6.0349e+02	6.8525e-04	3.2822e-02	1.3012e-01	6.2325e+00
153.9531	1.0226e+00	6.0415e+02	2.3287e-04	6.0505e-03	7.9000e-02	2.0526e+00
294.3640	1.0304e+00	6.0425e+02	4.4971e-05	6.1109e-04	2.9592e-02	4.0211e-01

BJH desorption summary

Surface Area = 604.251 m²/g
Pore Volume = 1.030 cc/g
Pore Diameter Dv(d) = 3.823 nm



Analysis

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Sample ID: Ijx-1

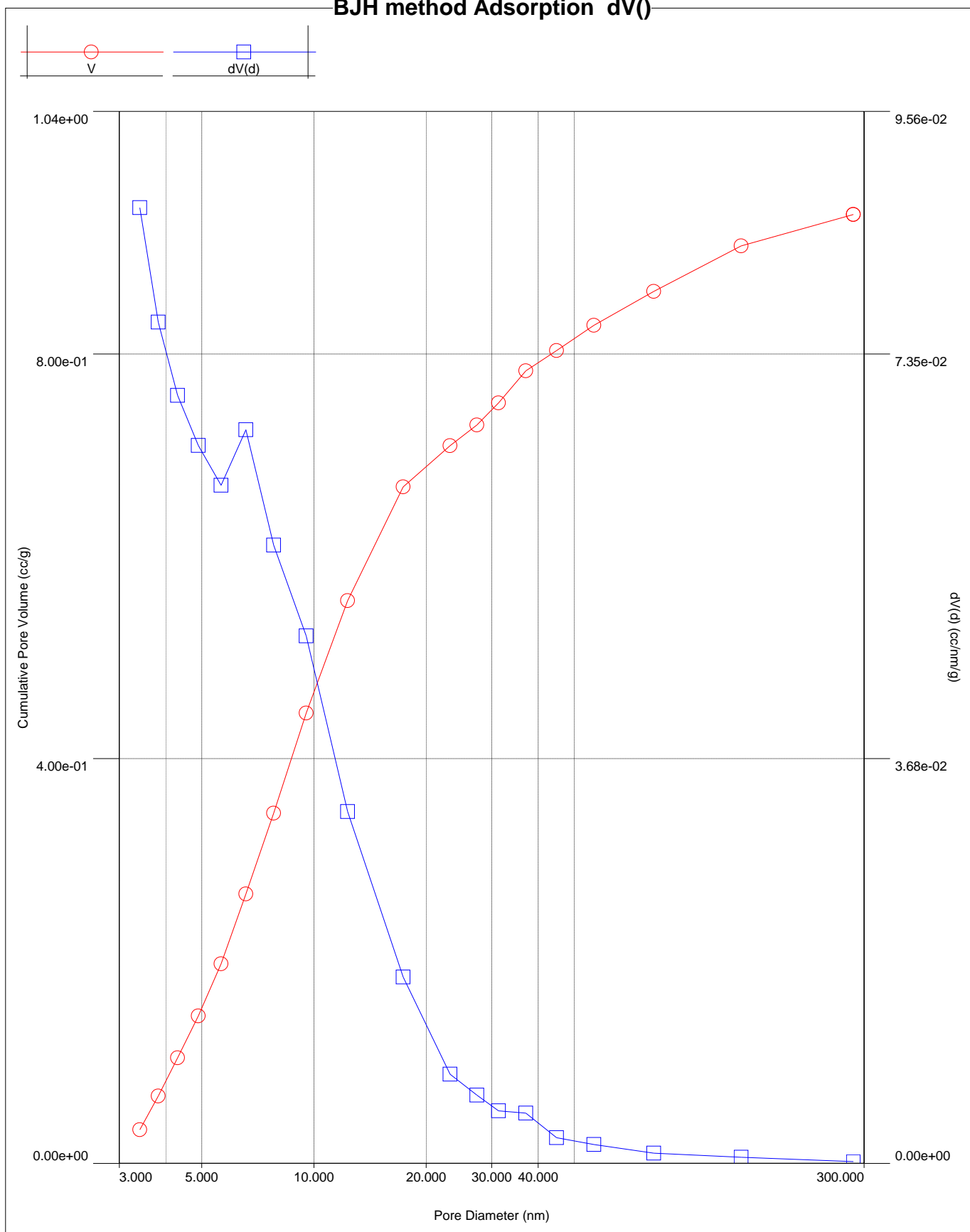
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Operator: quantachrome
20211019-Ijx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Date: 2021/10/25

BJH method Adsorption dV()





Analysis

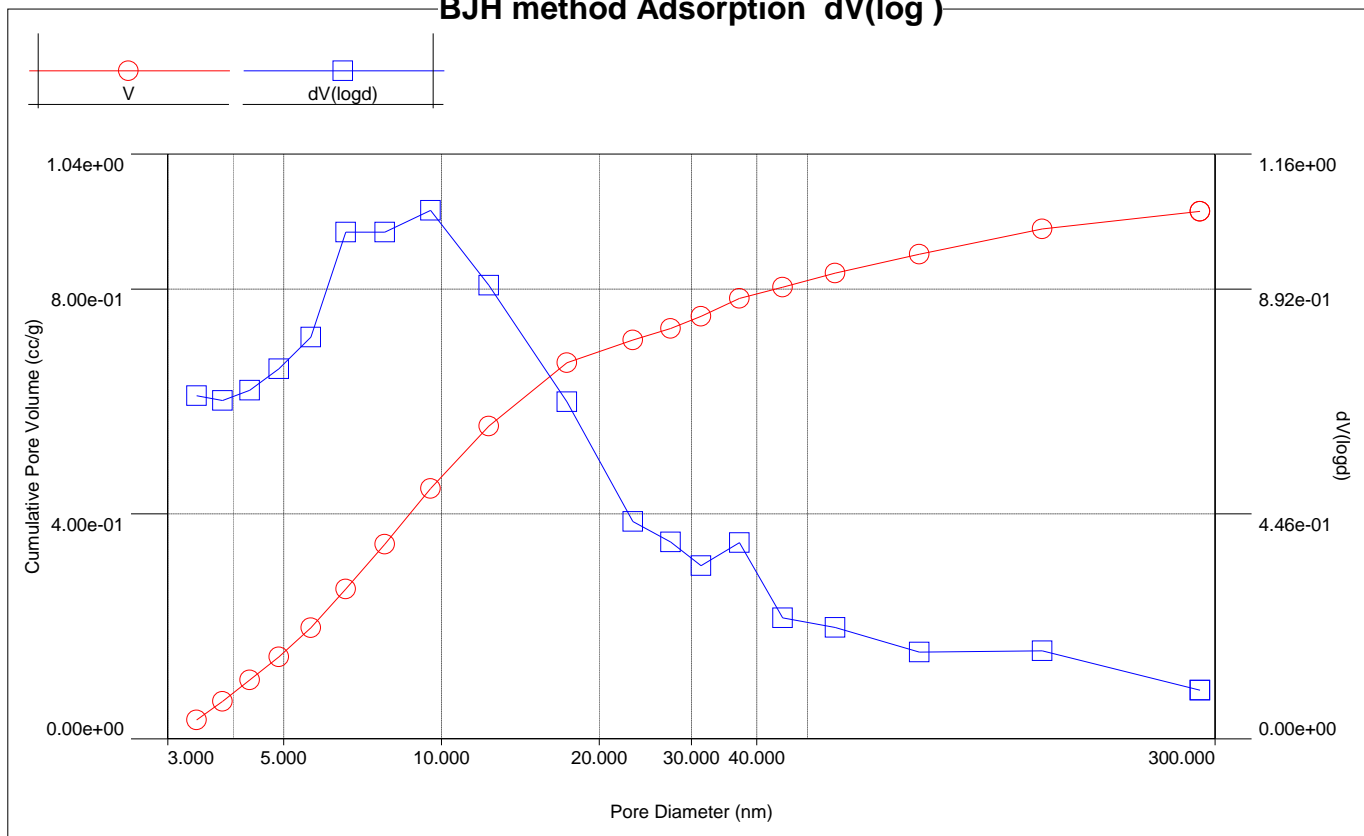
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20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

BJH method Adsorption dV(log)



Adsorption

Diameter	Pore Volume	Pore Surf Area	dV(d)	dS(d)	dV(logd)	dS(logd)
[nm]	[cc/g]	[m²/g]	[cc/nm/g]	[m²/nm/g]	[cc/g]	[cc/g]
3.4080	3.3102e-02	3.8853e+01	8.6861e-02	1.0195e+02	6.8090e-01	7.9918e+02
3.8178	6.6633e-02	7.3983e+01	7.6440e-02	8.0087e+01	6.7123e-01	7.0326e+02
4.3075	1.0437e-01	1.0902e+02	6.9796e-02	6.4813e+01	6.9135e-01	6.4200e+02
4.8953	1.4579e-01	1.4287e+02	6.5236e-02	5.3305e+01	7.3430e-01	6.0000e+02
5.6293	1.9712e-01	1.7934e+02	6.1618e-02	4.3784e+01	7.9722e-01	5.6649e+02
6.5643	2.6625e-01	2.2147e+02	6.6656e-02	4.0617e+01	1.0054e+00	6.1265e+02
7.7950	3.4626e-01	2.6253e+02	5.6180e-02	2.8829e+01	1.0055e+00	5.1599e+02
9.5377	4.4503e-01	3.0395e+02	4.7921e-02	2.0098e+01	1.0483e+00	4.3965e+02
12.3090	5.5630e-01	3.4011e+02	3.1959e-02	1.0385e+01	8.9972e-01	2.9238e+02
17.3714	6.6876e-01	3.6600e+02	1.6929e-02	3.8981e+00	6.6880e-01	1.5400e+02
23.2104	7.0956e-01	3.7303e+02	8.1031e-03	1.3965e+00	4.3136e-01	7.4339e+01
27.3815	7.3007e-01	3.7603e+02	6.2024e-03	9.0607e-01	3.9057e-01	5.7057e+01
31.2974	7.5167e-01	3.7879e+02	4.7742e-03	6.1017e-01	3.4345e-01	4.3895e+01
37.0292	7.8342e-01	3.8222e+02	4.5746e-03	4.9416e-01	3.8890e-01	4.2010e+01
44.8309	8.0359e-01	3.8402e+02	2.3283e-03	2.0774e-01	2.3959e-01	2.1377e+01
56.4739	8.2855e-01	3.8579e+02	1.7075e-03	1.2094e-01	2.2080e-01	1.5639e+01
81.7396	8.6188e-01	3.8742e+02	9.2800e-04	4.5413e-02	1.7182e-01	8.4080e+00
140.3194	9.0702e-01	3.8871e+02	5.5560e-04	1.5838e-02	1.7438e-01	4.9709e+00
280.6850	9.3817e-01	3.8915e+02	1.5617e-04	2.2255e-03	9.6529e-02	1.3756e+00

BJH adsorption summary

Surface Area = 389.151 m²/g
Pore Volume = 0.938 cc/g
Pore Diameter Dv(d) = 3.408 nm



Analysis

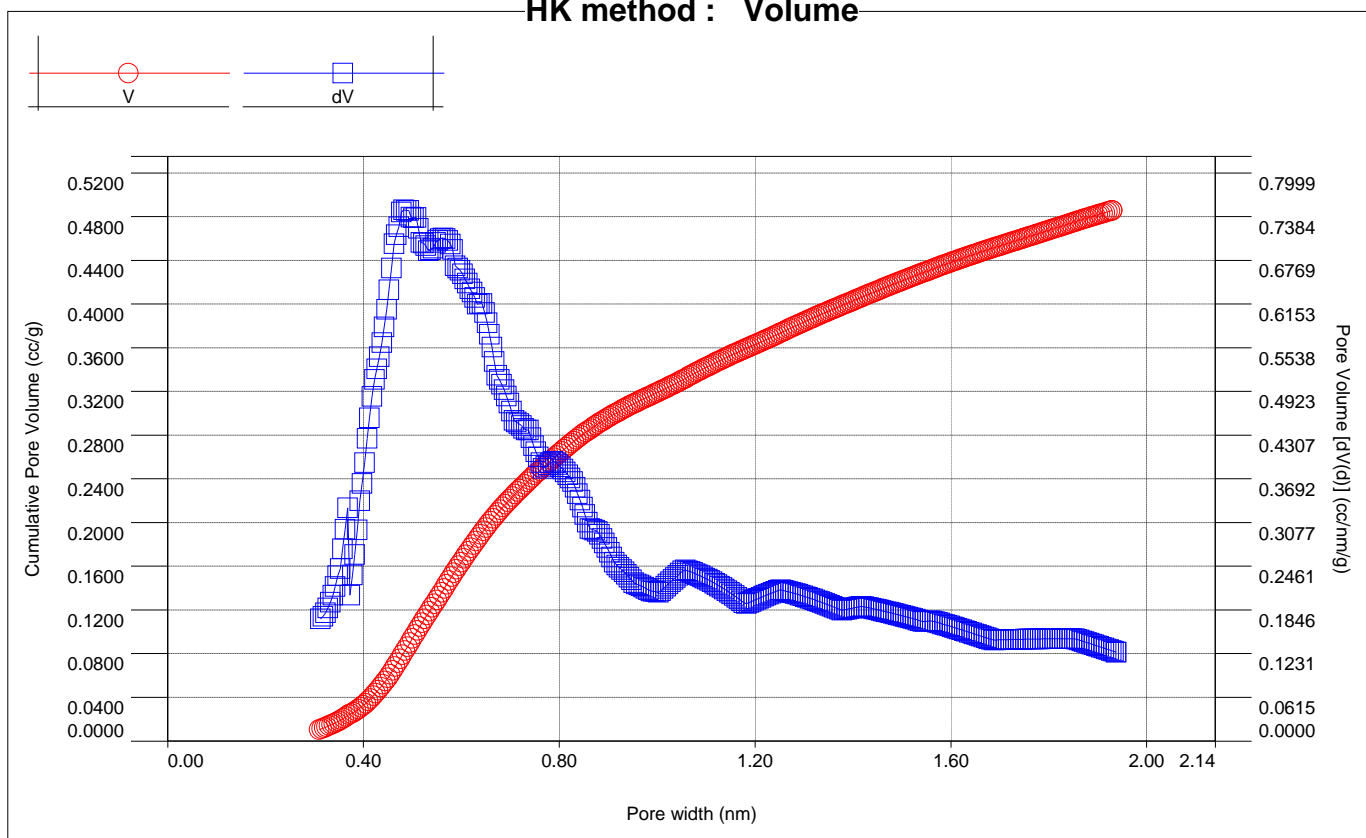
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HK method : Volume



Pore Size Distribution

Pore width [nm]	dV() [cc/nm/g]	Pore width [nm]	dV() [cc/nm/g]
0.3125	0.17181	0.4575	0.66573
0.3175	0.17565	0.4625	0.69997
0.3225	0.18066	0.4675	0.71280
0.3275	0.18713	0.4725	0.72417
0.3325	0.19545	0.4775	0.74484
0.3375	0.20530	0.4825	0.74789
0.3425	0.21754	0.4875	0.74696
0.3475	0.23303	0.4925	0.74682
0.3525	0.24256	0.4975	0.73737
0.3575	0.27058	0.5025	0.73687
0.3625	0.29840	0.5075	0.73714
0.3675	0.32849	0.5125	0.72169
0.3725	0.20544	0.5175	0.70217
0.3775	0.23377	0.5225	0.70100
0.3825	0.26255	0.5275	0.69728
0.3875	0.29738	0.5325	0.69039
0.3925	0.33817	0.5375	0.69163
0.3975	0.36261	0.5425	0.69388
0.4025	0.39172	0.5475	0.70183
0.4075	0.42624	0.5525	0.70515
0.4125	0.45496	0.5575	0.70737
0.4175	0.48511	0.5625	0.70824
0.4225	0.50886	0.5675	0.70747
0.4275	0.52392	0.5725	0.70475
0.4325	0.54115	0.5775	0.69971
0.4375	0.56073	0.5825	0.69198
0.4425	0.58283	0.5875	0.66910
0.4475	0.60762	0.5925	0.66611
0.4525	0.63523	0.5975	0.66278

Continued on next page



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Pore Size Distribution continued

Pore width	dV()	Pore width	dV()
[nm]	[cc/nm/g]	[nm]	[cc/nm/g]
0.6025	0.65762	0.9325	0.23805
0.6075	0.65076	0.9375	0.23449
0.6125	0.64450	0.9425	0.23076
0.6175	0.63640	0.9475	0.22687
0.6225	0.63194	0.9525	0.22280
0.6275	0.62444	0.9575	0.22109
0.6325	0.61484	0.9625	0.21973
0.6375	0.61592	0.9675	0.21827
0.6425	0.61600	0.9725	0.21670
0.6475	0.60326	0.9775	0.21502
0.6525	0.58884	0.9825	0.21323
0.6575	0.57261	0.9875	0.21133
0.6625	0.55444	0.9925	0.21067
0.6675	0.53419	0.9975	0.21018
0.6725	0.51491	1.0025	0.20960
0.6775	0.50918	1.0075	0.21164
0.6825	0.50246	1.0125	0.21478
0.6875	0.49469	1.0175	0.21790
0.6925	0.48578	1.0225	0.22102
0.6975	0.47567	1.0275	0.22413
0.7025	0.46428	1.0325	0.22722
0.7075	0.45152	1.0375	0.23029
0.7125	0.44936	1.0425	0.23336
0.7175	0.44705	1.0475	0.23641
0.7225	0.44403	1.0525	0.23944
0.7275	0.44024	1.0575	0.24105
0.7325	0.43804	1.0625	0.23980
0.7375	0.43772	1.0675	0.23849
0.7425	0.42709	1.0725	0.23712
0.7475	0.41555	1.0775	0.23569
0.7525	0.40712	1.0825	0.23420
0.7575	0.39992	1.0875	0.23265
0.7625	0.39205	1.0925	0.23105
0.7675	0.38361	1.0975	0.22938
0.7725	0.38632	1.1025	0.22765
0.7775	0.38887	1.1075	0.22587
0.7825	0.39127	1.1125	0.22402
0.7875	0.39348	1.1175	0.22212
0.7925	0.39215	1.1225	0.22016
0.7975	0.38933	1.1275	0.21813
0.8025	0.38619	1.1325	0.21605
0.8075	0.38271	1.1375	0.21391
0.8125	0.37887	1.1425	0.21171
0.8175	0.37466	1.1475	0.20945
0.8225	0.37008	1.1525	0.20713
0.8275	0.36511	1.1575	0.20476
0.8325	0.35721	1.1625	0.20232
0.8375	0.34837	1.1675	0.19983
0.8425	0.33904	1.1725	0.19728
0.8475	0.32921	1.1775	0.19467
0.8525	0.31886	1.1825	0.19341
0.8575	0.30800	1.1875	0.19494
0.8625	0.29906	1.1925	0.19645
0.8675	0.29810	1.1975	0.19795
0.8725	0.29670	1.2025	0.19943
0.8775	0.29513	1.2075	0.20089
0.8825	0.29069	1.2125	0.20235
0.8875	0.28488	1.2175	0.20378
0.8925	0.27880	1.2225	0.20520
0.8975	0.27246	1.2275	0.20661
0.9025	0.26585	1.2325	0.20799
0.9075	0.25896	1.2375	0.20937
0.9125	0.25180	1.2425	0.21072
0.9175	0.24774	1.2475	0.21207
0.9225	0.24467	1.2525	0.21312
0.9275	0.24144	1.2575	0.21225

Continued on next page



Analysis

Operator: ASiQwin
Sample ID: ljsx-1

Date: 2021/10/21
Filename:

Report

Operator: quantachrome
Date: 2021/10/25
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Pore Size Distribution continued

Pore width	dV()	Pore width	dV()
[nm]	[cc/nm/g]	[nm]	[cc/nm/g]
1.2625	0.21135	1.5925	0.16285
1.2675	0.21043	1.5975	0.16180
1.2725	0.20948	1.6025	0.16075
1.2775	0.20850	1.6075	0.15970
1.2825	0.20751	1.6125	0.15863
1.2875	0.20648	1.6175	0.15756
1.2925	0.20543	1.6225	0.15648
1.2975	0.20435	1.6275	0.15539
1.3025	0.20325	1.6325	0.15430
1.3075	0.20213	1.6375	0.15320
1.3125	0.20098	1.6425	0.15209
1.3175	0.19981	1.6475	0.15098
1.3225	0.19861	1.6525	0.14986
1.3275	0.19739	1.6575	0.14873
1.3325	0.19614	1.6625	0.14760
1.3375	0.19487	1.6675	0.14646
1.3425	0.19358	1.6725	0.14531
1.3475	0.19227	1.6775	0.14416
1.3525	0.19093	1.6825	0.14300
1.3575	0.18957	1.6875	0.14225
1.3625	0.18818	1.6925	0.14236
1.3675	0.18678	1.6975	0.14247
1.3725	0.18535	1.7025	0.14258
1.3775	0.18418	1.7075	0.14268
1.3825	0.18489	1.7125	0.14278
1.3875	0.18558	1.7175	0.14287
1.3925	0.18627	1.7225	0.14296
1.3975	0.18695	1.7275	0.14305
1.4025	0.18761	1.7325	0.14313
1.4075	0.18827	1.7375	0.14321
1.4125	0.18891	1.7425	0.14328
1.4175	0.18954	1.7475	0.14335
1.4225	0.18905	1.7525	0.14342
1.4275	0.18833	1.7575	0.14348
1.4325	0.18760	1.7625	0.14354
1.4375	0.18685	1.7675	0.14359
1.4425	0.18609	1.7725	0.14365
1.4475	0.18532	1.7775	0.14369
1.4525	0.18453	1.7825	0.14374
1.4575	0.18373	1.7875	0.14378
1.4625	0.18292	1.7925	0.14382
1.4675	0.18210	1.7975	0.14385
1.4725	0.18126	1.8025	0.14388
1.4775	0.18041	1.8075	0.14391
1.4825	0.17955	1.8125	0.14393
1.4875	0.17868	1.8175	0.14395
1.4925	0.17779	1.8225	0.14397
1.4975	0.17690	1.8275	0.14399
1.5025	0.17599	1.8325	0.14400
1.5075	0.17507	1.8375	0.14401
1.5125	0.17414	1.8425	0.14401
1.5175	0.17319	1.8475	0.14402
1.5225	0.17224	1.8525	0.14402
1.5275	0.17128	1.8575	0.14310
1.5325	0.17030	1.8625	0.14200
1.5375	0.16931	1.8675	0.14089
1.5425	0.16831	1.8725	0.13978
1.5475	0.16843	1.8775	0.13867
1.5525	0.16874	1.8825	0.13756
1.5575	0.16905	1.8875	0.13645
1.5625	0.16893	1.8925	0.13533
1.5675	0.16794	1.8975	0.13421
1.5725	0.16693	1.9025	0.13309
1.5775	0.16592	1.9075	0.13196
1.5825	0.16491	1.9125	0.13084
1.5875	0.16388	1.9175	0.12971

Continued on next page



Analysis

Operator: ASiQwin
Sample ID: ljsx-1

Date:2021/10/21
Filename:

Report

Operator: quantachrome
Date:2021/10/25
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Pore Size Distribution continued

Pore width	dV()	Pore width	dV()
[nm]	[cc/nm/g]	[nm]	[cc/nm/g]
1.9225	0.12858	1.9325	0.12631
1.9275	0.12745	1.9375	0.12518

HK summary

Mode : 0.483 nm
Micropore Volume : 0.486 cc/g



Analysis

Operator: ASiQwin
Sample ID: ljsx-1

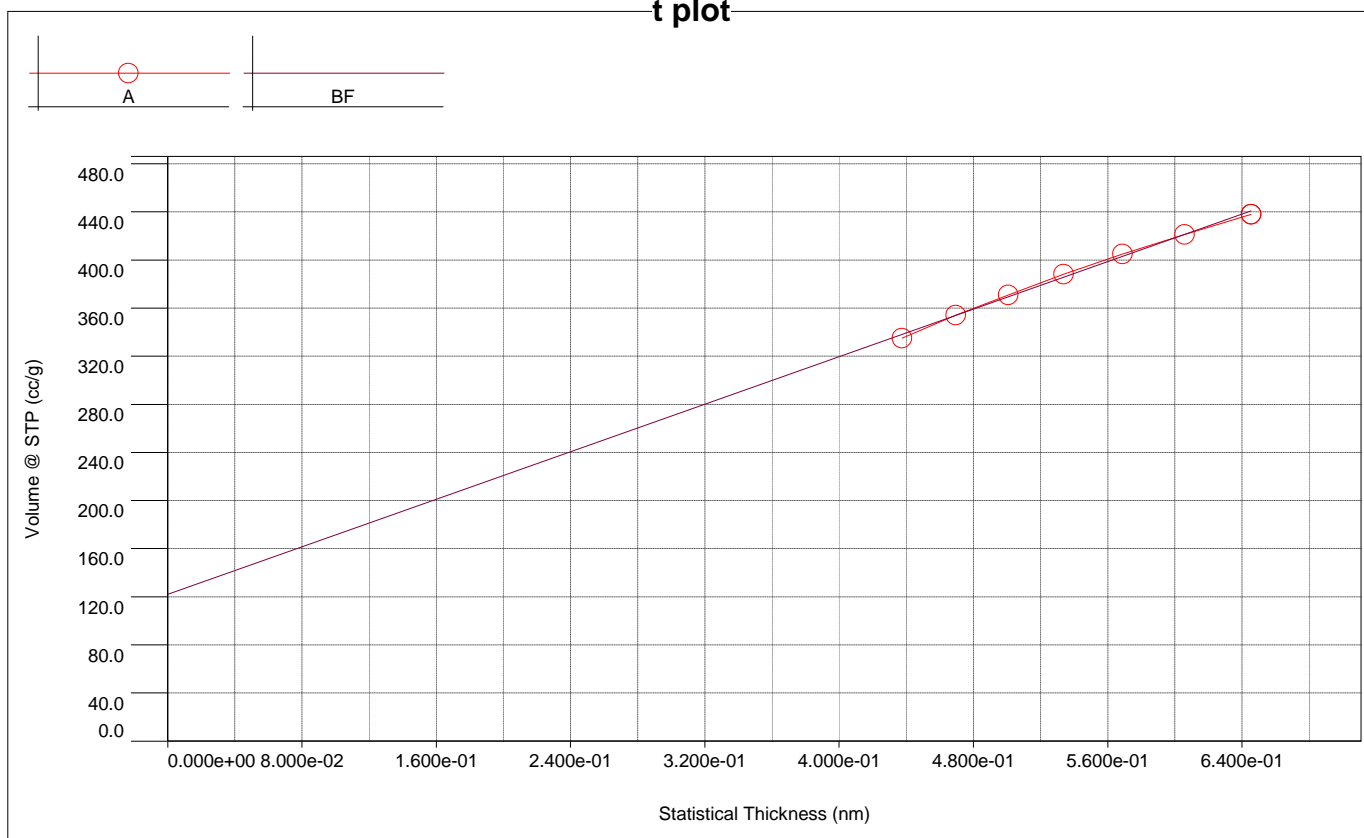
Date: 2021/10/21
Filename:

Report

Operator: quantachrome
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Date: 2021/10/25

t plot



t-Plot Method Micropore Analysis

Relative Pressure	Thickness [(nm)]	Volume @ STP [(cc/g)]	Relative Pressure	Thickness [(nm)]	Volume @ STP [(cc/g)]
2.008124e-01	4.3741e-01	335.058	3.995029e-01	5.6876e-01	404.883
2.508226e-01	4.6951e-01	354.025	4.495487e-01	6.0579e-01	421.309
2.994981e-01	5.0089e-01	370.873	4.991198e-01	6.4546e-01	438.125
3.490321e-01	5.3371e-01	388.337			

V-t method summary

Thickness method: DeBoer
Slope = 49.407
Intercept = 122.019
Correlation coefficient, r = 0.998189
Micropore volume = 0.189 cc/g
Micropore area = 428.603 m²/g
External surface area = 764.240 m²/g



Analysis

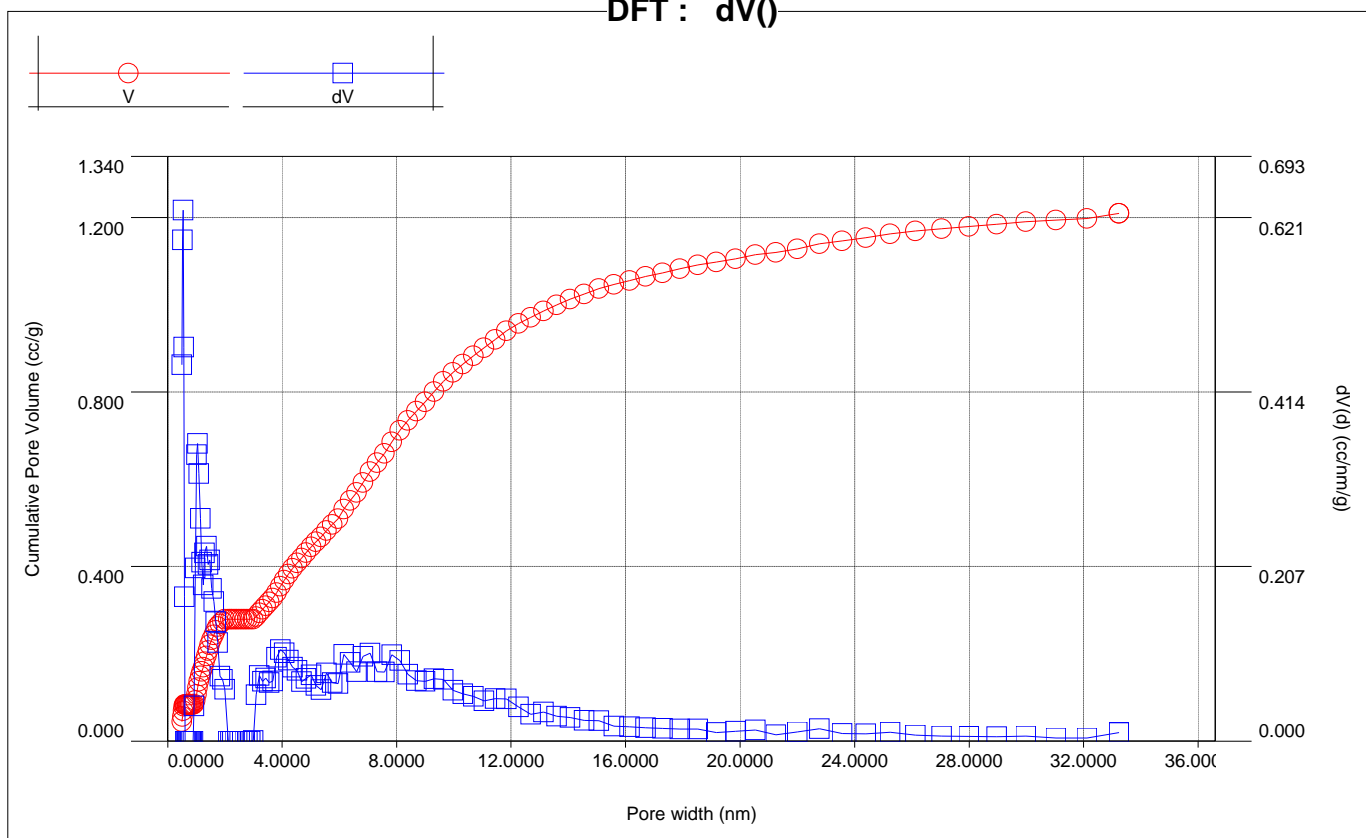
Operator: ASiQwin
Sample ID: ljsx-1

Date: 2021/10/21
Filename:

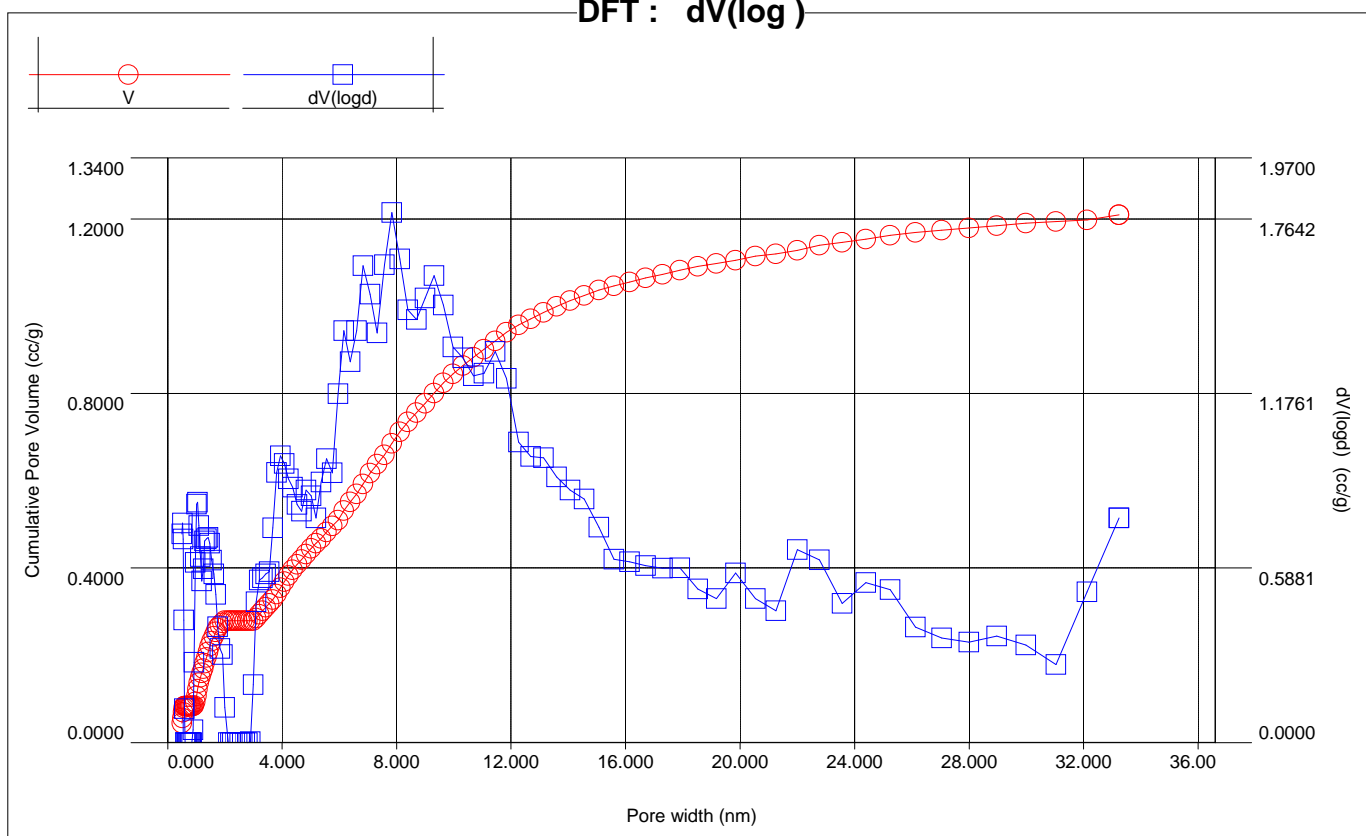
Report

Operator: quantachrome
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps
Date: 2021/10/25

DFT : dV()



DFT : dV(log)





Analysis

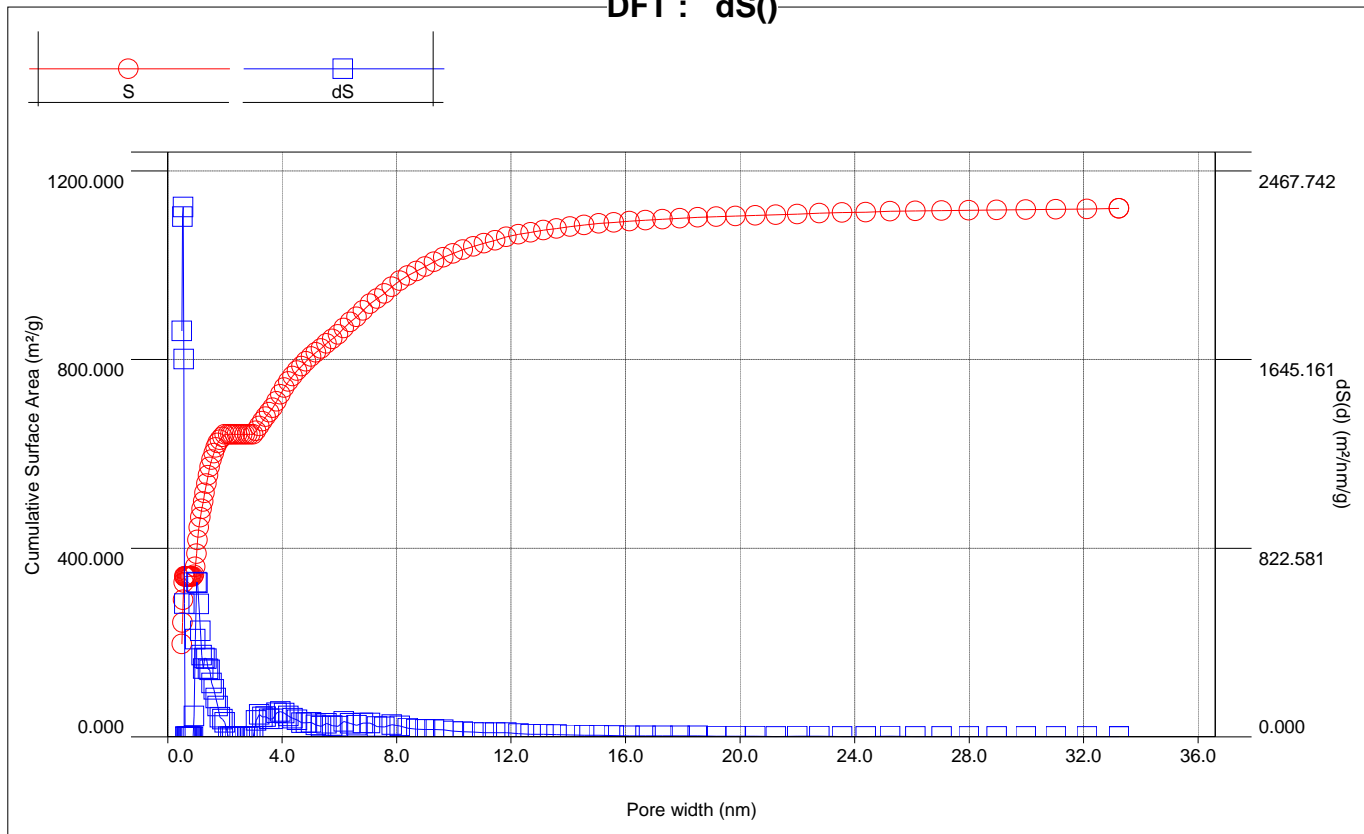
Operator: ASiQwin
Sample ID: ljx-1

Date: 2021/10/21
Filename:

Report

Operator: quantachrome
Date: 2021/10/25
20211019-ljx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

DFT : dS()





Analysis

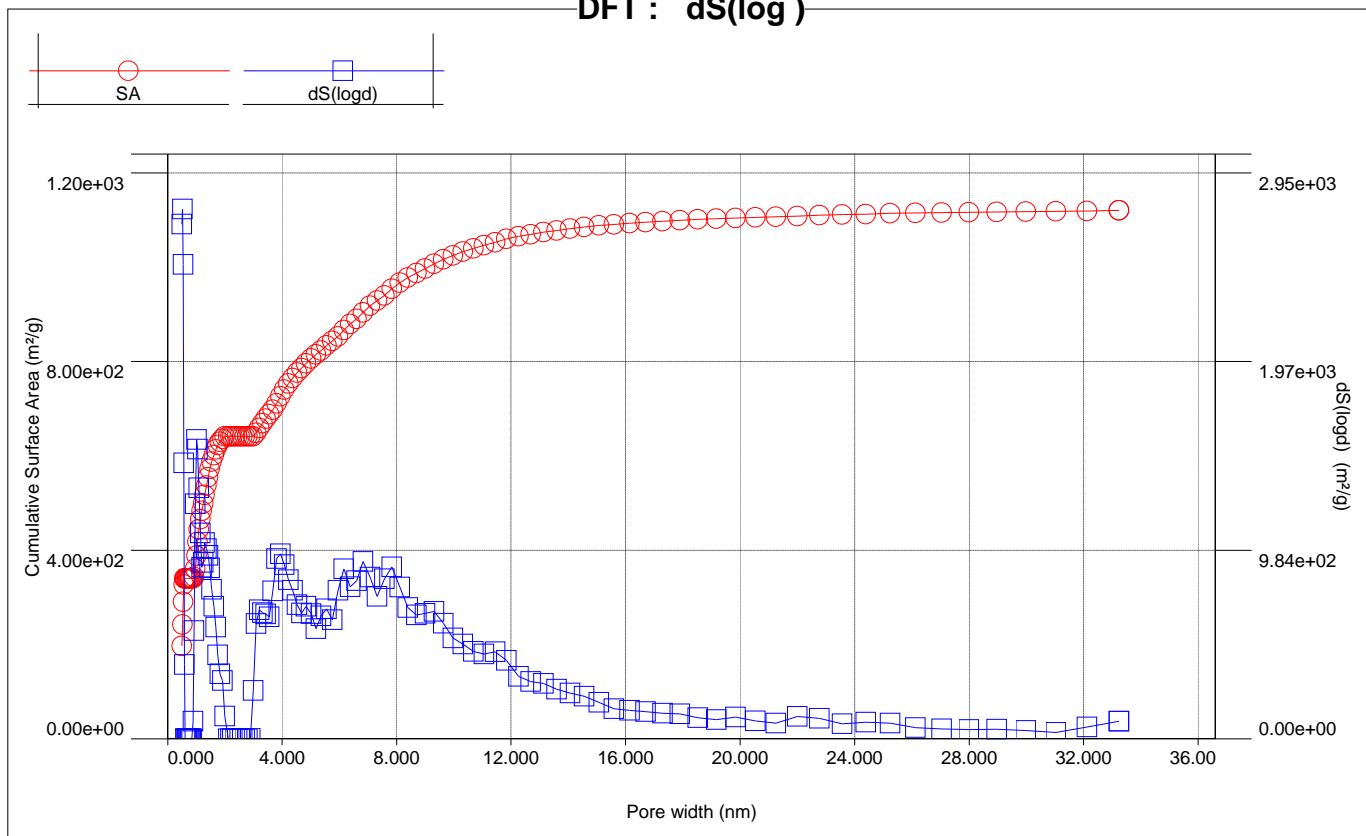
Operator: ASiQwin
Sample ID: ljsx-1

Date: 2021/10/21
Filename:

Report

Operator: quantachrome
Date: 2021/10/25
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

DFT : dS(log)



Pore Size Distribution

Pore width [nm]	Cumulative Pore Volume [cc/g]	Cumulative Surface Area [m²/g]	dV(d) [cc/nm/g]	dS(d) [m²/nm/g]
0.5040	4.4105e-02	1.9663e+02	4.4618e-01	1.7706e+03
0.5240	5.5992e-02	2.4200e+02	5.9438e-01	2.2686e+03
0.5450	6.9213e-02	2.9052e+02	6.2957e-01	2.3103e+03
0.5670	7.9484e-02	3.2675e+02	4.6688e-01	1.6468e+03
0.5900	8.3421e-02	3.4009e+02	1.7116e-01	5.8022e+02
0.6140	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.6400	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.6660	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.6940	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.7230	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.7530	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.7850	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.8180	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.8520	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.8890	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.9260	8.4962e-02	3.4342e+02	4.1635e-02	8.9925e+01
0.9660	9.3169e-02	3.6041e+02	2.0518e-01	4.2481e+02
1.0070	1.0708e-01	3.8805e+02	3.3937e-01	6.7403e+02
1.0510	1.2260e-01	4.1758e+02	3.5273e-01	6.7123e+02
1.0960	1.3687e-01	4.4362e+02	3.1710e-01	5.7865e+02
1.1440	1.4954e-01	4.6577e+02	2.6391e-01	4.6139e+02
1.1930	1.5993e-01	4.8318e+02	2.1194e-01	3.5530e+02
1.2450	1.6954e-01	4.9863e+02	1.8498e-01	2.9716e+02
1.2990	1.8158e-01	5.1716e+02	2.2286e-01	3.4312e+02
1.3560	1.9473e-01	5.3656e+02	2.3080e-01	3.4041e+02
1.4160	2.0730e-01	5.5431e+02	2.0941e-01	2.9578e+02
1.4780	2.2061e-01	5.7232e+02	2.1471e-01	2.9053e+02
1.5430	2.3236e-01	5.8755e+02	1.8071e-01	2.3423e+02

Continued on next page

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Acquisition and Reduction
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 version 4.0



Analysis

Operator: ASiQwin
Sample ID: ljx-1

Date:2021/10/21
Filename:

Report

Operator: quantachrome
Date:2021/10/25
 20211019-ljx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Pore Size Distribution continued

Pore width [nm]	Cumulative Pore Volume [cc/g]	Cumulative Surface Area [m²/g]	dV(d) [cc/nm/g]	dS(d) [m²/nm/g]
1.6110	2.4360e-01	6.0151e+02	1.6540e-01	2.0533e+02
1.6820	2.5365e-01	6.1345e+02	1.4144e-01	1.6818e+02
1.7560	2.6229e-01	6.2330e+02	1.1685e-01	1.3309e+02
1.8340	2.6830e-01	6.2985e+02	7.6988e-02	8.3956e+01
1.9150	2.7422e-01	6.3603e+02	7.3097e-02	7.6341e+01
2.0000	2.7945e-01	6.4126e+02	6.1524e-02	6.1524e+01
2.1206	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.1948	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.2717	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.3512	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.4335	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.5186	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.6068	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.6980	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.7925	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.8902	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.9914	2.7952e-01	6.4135e+02	6.7966e-04	9.0865e-01
3.0961	2.8528e-01	6.4880e+02	5.5039e-02	7.1108e+01
3.2044	2.9368e-01	6.5928e+02	7.7541e-02	9.6793e+01
3.3166	3.0164e-01	6.6888e+02	7.0915e-02	8.5528e+01
3.4326	3.1028e-01	6.7895e+02	7.4451e-02	8.6756e+01
3.5528	3.1861e-01	6.8832e+02	6.9311e-02	7.8035e+01
3.6771	3.2746e-01	6.9796e+02	7.1241e-02	7.7497e+01
3.8058	3.4022e-01	7.1137e+02	9.9123e-02	1.0418e+02
3.9390	3.5464e-01	7.2601e+02	1.0827e-01	1.0995e+02
4.0769	3.6908e-01	7.4018e+02	1.0473e-01	1.0275e+02
4.2196	3.8274e-01	7.5313e+02	9.5711e-02	9.0730e+01
4.3673	3.9565e-01	7.6495e+02	8.7394e-02	8.0044e+01
4.5201	4.0845e-01	7.7628e+02	8.3770e-02	7.4131e+01
4.6784	4.1961e-01	7.8582e+02	7.0564e-02	6.0333e+01
4.8421	4.3176e-01	7.9585e+02	7.4154e-02	6.1257e+01
5.0116	4.4504e-01	8.0646e+02	7.8396e-02	6.2572e+01
5.1870	4.5659e-01	8.1537e+02	6.5841e-02	5.0774e+01
5.3690	4.6771e-01	8.2364e+02	6.1052e-02	4.5485e+01
5.5560	4.8279e-01	8.3451e+02	8.0677e-02	5.8083e+01
5.7510	4.9627e-01	8.4388e+02	6.9127e-02	4.8080e+01
5.9520	5.0996e-01	8.5308e+02	6.8122e-02	4.5781e+01
6.1600	5.3136e-01	8.6698e+02	1.0287e-01	6.6799e+01
6.3760	5.5146e-01	8.7958e+02	9.3033e-02	5.8364e+01
6.5990	5.6974e-01	8.9067e+02	8.2010e-02	4.9710e+01
6.8300	5.9291e-01	9.0424e+02	1.0029e-01	5.8732e+01
7.0690	6.1777e-01	9.1830e+02	1.0402e-01	5.8861e+01
7.3170	6.3812e-01	9.2943e+02	8.2039e-02	4.4849e+01
7.5730	6.5907e-01	9.4049e+02	8.1849e-02	4.3232e+01
7.8379	6.8621e-01	9.5434e+02	1.0243e-01	5.2276e+01
8.1122	7.1242e-01	9.6727e+02	9.5583e-02	4.7131e+01
8.3961	7.3491e-01	9.7798e+02	7.9192e-02	3.7728e+01
8.6900	7.5599e-01	9.8768e+02	7.1731e-02	3.3018e+01
8.9941	7.7752e-01	9.9726e+02	7.0815e-02	3.1494e+01
9.3089	8.0074e-01	1.0072e+03	7.3759e-02	3.1694e+01
9.6347	8.2455e-01	1.0171e+03	7.3084e-02	3.0342e+01
9.9720	8.4481e-01	1.0253e+03	6.0065e-02	2.4093e+01
10.3210	8.6438e-01	1.0328e+03	5.6069e-02	2.1730e+01
10.6820	8.8353e-01	1.0400e+03	5.3045e-02	1.9864e+01
11.0560	9.0131e-01	1.0464e+03	4.7550e-02	1.7203e+01
11.4430	9.2074e-01	1.0532e+03	5.0184e-02	1.7542e+01
11.8436	9.4070e-01	1.0600e+03	4.9841e-02	1.6833e+01
12.2581	9.5739e-01	1.0654e+03	4.0271e-02	1.3141e+01
12.6871	9.7097e-01	1.0697e+03	3.1635e-02	9.9739e+00
13.1312	9.8621e-01	1.0743e+03	3.4317e-02	1.0454e+01
13.5908	9.9965e-01	1.0783e+03	2.9263e-02	8.6126e+00
14.0664	1.0129e+00	1.0821e+03	2.7909e-02	7.9364e+00
14.5588	1.0251e+00	1.0854e+03	2.4666e-02	6.7768e+00
15.0683	1.0374e+00	1.0887e+03	2.4266e-02	6.4418e+00
15.5957	1.0468e+00	1.0911e+03	1.7660e-02	4.5291e+00
16.1416	1.0559e+00	1.0934e+03	1.6782e-02	4.1590e+00

Continued on next page



Analysis

Operator: ASiQwin
Sample ID: ljsx-1

Date: 2021/10/21
Filename:

Report

Operator: quantachrome
Date: 2021/10/25
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Pore Size Distribution continued

Pore width [nm]	Cumulative Pore Volume [cc/g]	Cumulative Surface Area [m²/g]	dV(d) [cc/nm/g]	dS(d) [m²/nm/g]
16.7065	1.0649e+00	1.0955e+03	1.5981e-02	3.8263e+00
17.2912	1.0737e+00	1.0975e+03	1.5039e-02	3.4790e+00
17.8964	1.0825e+00	1.0995e+03	1.4461e-02	3.2321e+00
18.5228	1.0913e+00	1.1014e+03	1.4113e-02	3.0477e+00
19.1711	1.0980e+00	1.1028e+03	1.0226e-02	2.1335e+00
19.8421	1.1058e+00	1.1044e+03	1.1727e-02	2.3643e+00
20.5366	1.1150e+00	1.1062e+03	1.3265e-02	2.5836e+00
21.2553	1.1203e+00	1.1072e+03	7.3312e-03	1.3797e+00
21.9993	1.1283e+00	1.1086e+03	1.0751e-02	1.9546e+00
22.7693	1.1397e+00	1.1106e+03	1.4823e-02	2.6041e+00
23.5662	1.1467e+00	1.1118e+03	8.7665e-03	1.4880e+00
24.3910	1.1537e+00	1.1130e+03	8.5191e-03	1.3970e+00
25.2447	1.1628e+00	1.1144e+03	1.0641e-02	1.6861e+00
26.1282	1.1691e+00	1.1154e+03	7.1335e-03	1.0921e+00
27.0427	1.1744e+00	1.1162e+03	5.8020e-03	8.5816e-01
27.9892	1.1796e+00	1.1169e+03	5.5029e-03	7.8646e-01
28.9689	1.1845e+00	1.1176e+03	4.9919e-03	6.8929e-01
29.9828	1.1904e+00	1.1184e+03	5.7567e-03	7.6801e-01
31.0322	1.1943e+00	1.1189e+03	3.7944e-03	4.8903e-01
32.1183	1.1982e+00	1.1193e+03	3.5643e-03	4.4395e-01
33.2424	1.2095e+00	1.1207e+03	1.0061e-02	1.2106e+00

Pore Size Distribution (log)

Pore width [nm]	Cumulative Pore Volume [cc/g]	Cumulative Surface Area [m²/g]	dV(log d) [cc/g]	dS(log d) [m²/g]
0.5040	4.4105e-02	1.9663e+02	7.0337e-01	2.6846e+03
0.5240	5.5992e-02	2.4200e+02	7.3922e-01	2.7642e+03
0.5450	6.9213e-02	2.9052e+02	6.8587e-01	2.4743e+03
0.5670	7.9484e-02	3.2675e+02	4.1236e-01	1.4388e+03
0.5900	8.3421e-02	3.4009e+02	1.1383e-01	3.8586e+02
0.6140	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.6400	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.6660	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.6940	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.7230	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.7530	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.7850	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.8180	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.8520	8.3421e-02	3.4009e+02	0.0000e+00	0.0000e+00
0.8890	8.3421e-02	3.4009e+02	4.2589e-02	9.1985e+01
0.9260	8.4962e-02	3.4342e+02	2.7021e-01	5.6325e+02
0.9660	9.3169e-02	3.6041e+02	6.0743e-01	1.2254e+03
1.0070	1.0708e-01	3.8805e+02	8.0366e-01	1.5609e+03
1.0510	1.2260e-01	4.1758e+02	8.0991e-01	1.5109e+03
1.0960	1.3687e-01	4.4362e+02	7.3153e-01	1.3086e+03
1.1440	1.4954e-01	4.6577e+02	6.2592e-01	1.0740e+03
1.1930	1.5993e-01	4.8318e+02	5.4442e-01	8.9436e+02
1.2450	1.6954e-01	4.9863e+02	5.8572e-01	9.1918e+02
1.2990	1.8158e-01	5.1716e+02	6.7915e-01	1.0227e+03
1.3560	1.9473e-01	5.3656e+02	6.8672e-01	9.9190e+02
1.4160	2.0730e-01	5.5431e+02	6.9162e-01	9.5578e+02
1.4780	2.2061e-01	5.7232e+02	6.7175e-01	8.9104e+02
1.5430	2.3236e-01	5.8755e+02	6.1444e-01	7.7998e+02
1.6110	2.4360e-01	6.0151e+02	5.6831e-01	6.9149e+02
1.6820	2.5365e-01	6.1345e+02	4.9932e-01	5.8215e+02
1.7560	2.6229e-01	6.2330e+02	3.8996e-01	4.3640e+02
1.8340	2.6830e-01	6.2985e+02	3.1681e-01	3.3823e+02
1.9150	2.7422e-01	6.3603e+02	2.9631e-01	3.0330e+02
2.0000	2.7945e-01	6.4126e+02	1.1806e-01	1.1806e+02
2.1206	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.1948	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00

Continued on next page

Quantachrome® ASiQwin™- Automated Gas Sorption Data
Acquisition and Reduction
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 version 4.0



Analysis

Operator: ASiQwin
Sample ID: ljx-1

Date:2021/10/21
Filename:

Report

Operator: quantachrome
Date:2021/10/25
 20211019-ljx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Pore Size Distribution (log) continued

Pore width [nm]	Cumulative Pore Volume [cc/g]	Cumulative Surface Area [m ² /g]	dV(log d) [cc/g]	dS(log d) [m ² /g]
2.2717	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.3512	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.4335	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.5186	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.6068	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.6980	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.7925	2.7945e-01	6.4126e+02	0.0000e+00	0.0000e+00
2.8902	2.7945e-01	6.4126e+02	2.3009e-03	3.0761e+00
2.9914	2.7952e-01	6.4135e+02	1.9514e-01	2.5222e+02
3.0961	2.8528e-01	6.4880e+02	4.7406e-01	6.0018e+02
3.2044	2.9368e-01	6.5928e+02	5.4738e-01	6.7204e+02
3.3166	3.0164e-01	6.6888e+02	5.5540e-01	6.5805e+02
3.4326	3.1028e-01	6.7895e+02	5.6791e-01	6.5079e+02
3.5528	3.1861e-01	6.8832e+02	5.7515e-01	6.3626e+02
3.6771	3.2746e-01	6.9796e+02	7.2340e-01	7.7122e+02
3.8058	3.4022e-01	7.1137e+02	9.0960e-01	9.3885e+02
3.9390	3.5464e-01	7.2601e+02	9.6588e-01	9.6423e+02
4.0769	3.6908e-01	7.4018e+02	9.4027e-01	9.0737e+02
4.2196	3.8274e-01	7.5313e+02	8.8901e-01	8.2889e+02
4.3673	3.9565e-01	7.6495e+02	8.6048e-01	7.7484e+02
4.5201	4.0845e-01	7.7628e+02	8.0214e-01	6.9865e+02
4.6784	4.1961e-01	7.8582e+02	7.7996e-01	6.5512e+02
4.8421	4.3176e-01	7.9585e+02	8.5099e-01	6.9057e+02
5.0116	4.4504e-01	8.0646e+02	8.3113e-01	6.5294e+02
5.1870	4.5659e-01	8.1537e+02	7.5742e-01	5.7439e+02
5.3690	4.6771e-01	8.2364e+02	8.7777e-01	6.4128e+02
5.5560	4.8279e-01	8.3451e+02	9.5699e-01	6.7796e+02
5.7510	4.9627e-01	8.4388e+02	9.0875e-01	6.2131e+02
5.9520	5.0996e-01	8.5308e+02	1.1760e+00	7.7407e+02
6.1600	5.3136e-01	8.6698e+02	1.3884e+00	8.8675e+02
6.3760	5.5146e-01	8.7958e+02	1.2838e+00	7.9245e+02
6.5990	5.6974e-01	8.9067e+02	1.3877e+00	8.2526e+02
6.8300	5.9291e-01	9.0424e+02	1.6073e+00	9.2487e+02
7.0690	6.1777e-01	9.1830e+02	1.5113e+00	8.4214e+02
7.3170	6.3812e-01	9.2943e+02	1.3808e+00	7.4189e+02
7.5730	6.5907e-01	9.4049e+02	1.6101e+00	8.3422e+02
7.8379	6.8621e-01	9.5434e+02	1.7861e+00	8.9639e+02
8.1122	7.1242e-01	9.6727e+02	1.6300e+00	7.9118e+02
8.3961	7.3491e-01	9.7798e+02	1.4579e+00	6.8320e+02
8.6900	7.5599e-01	9.8768e+02	1.4263e+00	6.4529e+02
8.9941	7.7752e-01	9.9726e+02	1.4979e+00	6.5447e+02
9.3089	8.0074e-01	1.0072e+03	1.5739e+00	6.6473e+02
9.6347	8.2455e-01	1.0171e+03	1.4747e+00	6.0273e+02
9.9720	8.4481e-01	1.0253e+03	1.3328e+00	5.2572e+02
10.3210	8.6438e-01	1.0328e+03	1.2962e+00	4.9396e+02
10.6820	8.8353e-01	1.0400e+03	1.2362e+00	4.5537e+02
11.0560	9.0131e-01	1.0464e+03	1.2448e+00	4.4242e+02
11.4430	9.2074e-01	1.0532e+03	1.3179e+00	4.5280e+02
11.8436	9.4070e-01	1.0600e+03	1.2267e+00	4.0793e+02
12.2581	9.5739e-01	1.0654e+03	1.0129e+00	3.2551e+02
12.6871	9.7097e-01	1.0697e+03	9.6420e-01	2.9856e+02
13.1312	9.8621e-01	1.0743e+03	9.6007e-01	2.8782e+02
13.5908	9.9965e-01	1.0783e+03	8.9439e-01	2.5881e+02
14.0664	1.0129e+00	1.0821e+03	8.5069e-01	2.3800e+02
14.5588	1.0251e+00	1.0854e+03	8.2021e-01	2.2151e+02
15.0683	1.0374e+00	1.0887e+03	7.2550e-01	1.8979e+02
15.5957	1.0468e+00	1.0911e+03	6.1826e-01	1.5591e+02
16.1416	1.0559e+00	1.0934e+03	6.0873e-01	1.4832e+02
16.7065	1.0649e+00	1.0955e+03	5.9645e-01	1.4042e+02
17.2912	1.0737e+00	1.0975e+03	5.8719e-01	1.3354e+02
17.8964	1.0825e+00	1.0995e+03	5.8873e-01	1.2935e+02
18.5228	1.0913e+00	1.1014e+03	5.1770e-01	1.1018e+02
19.1711	1.0980e+00	1.1028e+03	4.8521e-01	9.9381e+01
19.8421	1.1058e+00	1.1044e+03	5.7164e-01	1.1314e+02
20.5366	1.1150e+00	1.1062e+03	4.8466e-01	9.3237e+01
21.2553	1.1203e+00	1.1072e+03	4.4402e-01	8.1853e+01

Continued on next page



Analysis

Operator: ASiQwin
Sample ID: ljsx-1

Date: 2021/10/21
Filename:

Report

Operator: quantachrome
Date: 2021/10/25
20211019-ljsx-1_iq1_phisy_st1_2021_10_21_07_54_32.qps

Pore Size Distribution (log) continued

Pore width [nm]	Cumulative Pore Volume [cc/g]	Cumulative Surface Area [m²/g]	dV(log d) [cc/g]	dS(log d) [m²/g]
21.9993	1.1283e+00	1.1086e+03	6.4961e-01	1.1577e+02
22.7693	1.1397e+00	1.1106e+03	6.1576e-01	1.0679e+02
23.5662	1.1467e+00	1.1118e+03	4.6896e-01	7.8247e+01
24.3910	1.1537e+00	1.1130e+03	5.3916e-01	8.6734e+01
25.2447	1.1628e+00	1.1144e+03	5.1494e-01	8.0465e+01
26.1282	1.1691e+00	1.1154e+03	3.8850e-01	5.8556e+01
27.0427	1.1744e+00	1.1162e+03	3.5188e-01	5.1176e+01
27.9892	1.1796e+00	1.1169e+03	3.3797e-01	4.7510e+01
28.9689	1.1845e+00	1.1176e+03	3.5899e-01	4.8658e+01
29.9828	1.1904e+00	1.1184e+03	3.2859e-01	4.3234e+01
31.0322	1.1943e+00	1.1189e+03	2.6282e-01	3.3312e+01
32.1183	1.1982e+00	1.1193e+03	5.0807e-01	6.1681e+01
33.2424	1.2095e+00	1.1207e+03	7.5702e-01	9.1088e+01

DFT method summary

Pore volume =	1.210 cc/g
Surface area =	1120.708 m²/g
Lower confidence limit =	0.504 nm
Fitting error =	0.245 %
Pore width (Mode) =	0.545 nm
Moving point average :	off