

Príloha: Program použitý na meranie kalibračnej krivky

Hardware Settings Wavelength 1 (nm) 580
Hardware Settings Wavelength 2 (nm) 500
Hardware Settings Wavelength 3 (nm) 540
Hardware Settings Wavelength 4 (nm) 650
Hardware Settings Use Wavelength 4 as Reference

Hardware Settings Integration Time (msec) 10
Hardware Settings Samples to Average 9
Hardware Settings Detectors to Average 5
Hardware Settings Scan Rate (Hz) 5

ExternalPump Command (?) K0R

Variable define New SamplePort
SamplePort = 2

ExternalPump Command (?) J0R
ExternalPump Flowrate (microliter/sec) 200
ExternalPump Valve Out
ExternalPump Empty
ExternalPump Delay Until Done

ExternalPump Flowrate (microliter/sec) 25
ExternalPump Command (?) O5R
ExternalPump Delay Until Done
ExternalPump Aspirate (microliter) 50
ExternalPump Delay Until Done

'Vypustenie do odpadu

ExternalPump Flowrate (microliter/sec) 200
ExternalPump Valve Out
ExternalPump Empty
ExternalPump Delay Until Done

Loop Start (#) 6

Loop Start (#) 3

'Nasávanie vzorky alebo slepej vzorky

Multiposition Valve port 3
ExternalPump Command (?) O2R
ExternalPump Flowrate (microliter/sec) 200
ExternalPump Aspirate (microliter) 3000
ExternalPump Delay Until Done
ExternalPump Command (?) J7R
Delay (sec) 2

'Nasávanie kyseliny

ExternalPump Flowrate (microliter/sec) 50
ExternalPump Command (?) O3R
ExternalPump Aspirate (microliter) 300
ExternalPump Delay Until Done
Delay (sec) 2

'Nasávanie oxidačného činidla

ExternalPump Flowrate (microliter/sec) 300
Multiposition Valve port 1
ExternalPump Command (?) O2R
ExternalPump Delay Until Done
ExternalPump Aspirate (microliter) 100
ExternalPump Delay Until Done

'Nasávanie vzduchu

Multiposition Valve port 0
ExternalPump Delay Until Done
ExternalPump Aspirate (microliter) 150
ExternalPump Delay Until Done
ExternalPump Command (?) J7R
Delay (sec) 2
Delay (sec) 10

'Nasávanie tmivého roztoku

ExternalPump Command (?) O4R
ExternalPump Delay Until Done
ExternalPump Aspirate (microliter) 600
ExternalPump Delay Until Done
Delay (sec) 2

'Nasávanie indikátora

ExternalPump Flowrate (microliter/sec) 25
ExternalPump Command (?) O5R
ExternalPump Delay Until Done
ExternalPump Aspirate (microliter) 100
ExternalPump Delay Until Done
ExternalPump Command (?) O1R
Delay (sec) 60
ExternalPump Command (?) J0R
Delay (sec) 1

'Nasávanie chloroformu

ExternalPump Command (?) O6R
ExternalPump Aspirate (microliter) 150
ExternalPump Delay Until Done
Delay (sec) 1

'Prepnutie na uzatvorený port

ExternalPump Command (?) O1R
ExternalPump Delay Until Done
ExternalPump Command (?) J7R
Delay (sec) 50
ExternalPump Command (?) J0R

'Uvoľnenie tlaku

ExternalPump Command (?) J0R
ExternalPump Flowrate (microliter/sec) 100
ExternalPump Aspirate (microliter) 150
ExternalPump Delay Until Done
Delay (sec) 2

'Meranie

ExternalPump Command (?) O8R
ExternalPump Flowrate (microliter/sec) 20
Analyte New Sample
Spectrometer Absorbance Scanning
ExternalPump Empty
Delay (sec) 20
Spectrometer Stop Scanning
ExternalPump Flowrate (microliter/sec) 100
ExternalPump Delay Until Done

Loop End

SamplePort = SamplePort + 1

Loop End