LC System	Quat Pump	Autosampler	Column Compartment	Diode Array Detector	Multiple Wavelength Detector	Variable Wavelength Detector
Settings Runtimes Stoptime [min] Posttime [min] *Module runtime settings* *override LC settings*	**Settings** Solvent Composition %B, %C, %D *%A = 100-%B-%C-%D* Flow [ml/min] **More ...** Flow Ramp [ml/min²] Compressibility [10⁻⁶/bar] Primary Channel [A,B,C,D,Auto] Stroke [µl] **Pressure** Lower/Upper Pressure Limits [bar]	**Settings** Injection Volume [µl] ☑ Standard Injection ☑ with needle wash ☑ Injector Program Default wash vial **More ... Settings** Draw Speed [µl/min] Eject Speed [µl/min] Draw Position Offset [mm] **More ... Optimization** Prefetch Vial / Overlap Injection Cycle at elapsed runtime [min] ☑ always keep transport arm next to last vial	**Settings** Temperature Left [°C] Temperature Right [°C] ☑ enable left/right seperate mode **More ...** Enable Analysis ☑ with any temperature ☑ temp. within setpoint +/- [°C]	**Settings** Sample/Ref. Wavelengths (A, B) [nm] Sample/Ref. Bandwidths (A, B) [nm] Peakwidth(Responsetime) [min] Slit [nm] **More ... Settings** Auto Balance: ☑ Prerun/☑ Postrun Margin for negative Absorbance [mAU] Required Lamps ☑ UV/☑ VIS **More ... Signals C-E** Sample/Ref. WL & BW (C, D, E) [nm] **Analog** Out 1/2: Zero Offset [%] Out 1/2: Attenuation [mAU] **Spectrum** Range [nm] Store Spectra Threshold [mAU]	**Settings** Sample/Ref. Wavelengths (A, B) [nm] Sample/Ref. Bandwidths (A, B) [nm] Peakwidth(Responsetime) [min] Slit [nm] **More ... Settings** Auto Balance: ☑ Prerun/☑ Postrun Margin for negative Absorbance [mAU] Required Lamps ☑ UV/☑ VIS **More ... Signals** Sample/Ref. Bandwidths (C, D, E) [nm] **Analog** Out 1/2: Zero Offset [%] Out 1/2: Attenuation [mAU] **Spectrum** Range [nm]	**Settings** Wavelength [nm] Peakwidth (Responsetime) [min] Signal Polarity **More ...** Auto Balance: ☑ Prerun/☑ Postrun Margin for negative Absorbance [mAU] ☑ Not-Ready when lamp is off **Analog** Signal Source Zero Offset [%] Attenuation [mAU] **Spectrum** Range[nm]
Control	**Control**	**Control**	**Control**	**Control**	**Control**	**Control**
Configure Auto-On [month/day/time] ☑ turn on Module/LC System ☑ load Method After Error Condition: ☑ turn off Module/LC System ☑ run Method	**Configure**	**Configure** Syringe Volume [µl] Seat Capillary [µl] Multiple Draw Wait [s] On Missing Vial	**Configure** ☑ Disable leak detection ☑ at Power-On turn column temperature on **Column ID** Stationary Phase Geometry; Particle Size; Void Volume Product -, Serial -, Batch Number Write **Column ID More ...** Max Pressure, - Temperature, - pH Number of Injections Comment	**Configure** Options Analog Voltage Range Out 1 Analog Voltage Range Out 2 At Power-On turn ☑ UV/☑ VIS lamp on	**Configure** Options Analog Voltage Range Out 1 Analog Voltage Range Out 2 At Power-On turn ☑ UV/☑ VIS lamp on	**Configure** Options Analog voltage range ☑ At Power-On turn UV lamp on Lamp Type
Tests	**Tests**	**Tests** Functions: Valve bypass/mainpass, Syringe home/draw, Needle up/ into vial, Fetch/Return vial; **Align Tray** Tray alignment/Vial teaching **Align Transport** X Correction [mm] Theta Correction [deg] **Change** Change needle/piston/arm	**Tests**	**Tests** Functions: Start/Stop test chromatogram, Enable/ Disable DAC test pattern	**Tests** Functions: Start/Stop test chromatogram, Enable/Disable DAC test pattern	**Tests** Functions: Start/Stop test chromatogram, Grating test, Filter test, Enable/Disable Dark current test, Enable/Disable DAC test pattern

For information on other Agilent 1100 modules, please refer to the Modules Reference Manual.

Samples Screen

Samples   Seq.Line 0   Vial 0   Inj.# 0   Time 0.00   Idle   Ready *

1 Balance
2 Print Screen
3 Restart

● **Vial Range**   Vial [1] to [8]   #Inj [1]

Method [TEST]   Stoptime [5.00] min

○ Sequence   Line [1] to [8]

Start   1 0 On/Off   Plot

End Actions   Timetable   Method   Sequence   Views

End Actions

On end of ...
■ Vial Range

☐ Load Method [*ACTUAL*]
● Turn off [Nothing]
○ Turn off complete HPLC system

Timeout [OFF] min

Status Screen

Status   Seq.Line 0   Vial 0   Inj.# 0   Time 0.00   Idle   Ready *

1 Balance

Flow **0.300** ml/min   Temp **25.80** °C

%B **20.0** %   **1.117** mAU

12 bar | Ripple **-0.3** %   λ **250** nm

Elapsed 0.00 min

Start   1 0 On/Off   Plot

System Screen

System   Pump ☑ Temp ☑ Lamp ☑   Time 0.00   Idle   Ready *

1 Date&Time
2 Save Logbook
3 Print Logbook
4 Setup Logbook
5 Restart

Fri 15:20

Module	Message	Id	Date	Time
Quat Pump	Setpoint changed	INFO	03/26	15:19:26
Quat Pump	Pump on	STATE	03/26	15:18:46
VW Detector	UV lamp burn time limit	EMF	03/26	15:18:13
Col Comp	Calibration done	STATE	03/26	15:18:09
MW Detector	VIS lamp on	STATE	03/26	15:18:13

Start   1 0 On/Off   Plot

Control   Configure   Tests   Records   Views

Agilent Technologies
Innovating the HP Way

Analysis Screen

1 Pump On/Off
2 Bottle Fillings
3 Reset
4 Status
5 Setup View
Restart

1 Program
2 Reset
3 Status
4 Setup View
5 Restart

1 Temp On/Off
2 Column ID
3 Reset
4 Status
5 Setup View
Restart

1 Lamp On/Off
2 Balance
3 Reset
4 Status
5 Setup View
Restart

1 Date&Time
2 Print Screen
3 About
4 Setup View
5 Restart

Analysis   Seq.Line 0   Vial 0   Inj.# 0   Time 0.00   Idle

Fri 15:21   1   -   1 #   1   TEST   5.00

Flow [ml/min]   %A 80 %B 20   0.3 µl   L OFF °C   A λ BW

0.300   %C OFF %D OFF   R 20.00 °C   Samp 250 100

0.300   Ref 360 100

16 bar   0.0 µl   24.73 °C   23.892 °C

Start   1 0 On/Off   Plot

Settings   Timetable   Method   Sequence   Views

Method   Seq.Line 0   Vial 0   Inj.# 0   Time 0.00   Idle   Ready *

Module	Setting	Value	*ACTUAL*
Quat Pump			
Autosampler			
Col Comp			
VW Detector			
DA Detector			
FL Detector			

Information stored in Methods:
- Runtimes   - User Information
- Settings   - Injector Program
- Timetable   - Optimization

Save As   Default   Print

Module   PC-Card   Timetable

Sequence   Seq.Line 0   Vial 0   Inj.# 0   Time 0.00   Idle   Ready *

Line Vials   #   Inj.Vol   Method   Wait   Calibration

Information stored in Sequences:
- Vial Range Information
- Injection Volume   - Wait Time (after Method Load)
- Method Name   - (Re-) Calibration Settings

Start   Insert   Delete

End Actions   PC-Card   Method   Logbook

Signal   Pump ☑ Temp ☑ Lamp ☑   Time 0.00   Idle   Ready *

mAU   254 nm -0.359 mAU

1 Clear All
2 Print Plot
3 Maximize

250
200
150
100
50
0

Cursor   Rescale   Select

Plot Selection

Available Signals   Selected Signals

Col Comp: Temp Right   Quat pump: Flow
Quat Pump: %B   VW Detector: Analog
Quat pump: Pressure   Col Comp: Temp Left
VW Detector: Signal

Time Range [3.0] min