Creator: LTQ Orbitrap XL

Last modified: 7/24/2014 by LTQ Orbitrap XL

MS Run Time (min): 170.00

Sequence override of method parameters not enabled.

Divert Valve: not used during run

Contact Closure: not used during run

Syringe Pump: not used during run

MS Detector Settings:

Acquisition Start Delay (min): 10.00

Real-time modifications to method disabled

Stepped collision energy not enabled

Additional Microscans:

MS2 0 0

MS3 0 0

MS4 0 0

MS5 0 0

MS6 0 0

MS7 0 0

MS8 0 0

MS9 0 0

MS10 0 0

Segment 1 Information

Duration (min): 170.00

Number of Scan Events: 7

Tune Method: 111223\_Uwe\_NSI

Scan Event Details:

1: FTMS + p norm res=60000 o(330.0-2000.0)

CV = 0.0V

2: ITMS + c norm Dep MS/MS Most intense ion from (1)

Activation Type: CID

Min. Signal Required: 500.0

Isolation Width: 2.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 30.000

CV = 0.0V

3: ITMS + c norm Dep MS/MS 2nd most intense ion from (1)

Activation Type: CID

Min. Signal Required: 500.0

Isolation Width: 2.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 30.000

CV = 0.0V

4: ITMS + c norm Dep MS/MS 3rd most intense ion from (1)

Activation Type: CID

Min. Signal Required: 500.0

Isolation Width: 2.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 30.000

CV = 0.0V

5: ITMS + c norm Dep MS/MS 4th most intense ion from (1)

Activation Type: CID

Min. Signal Required: 500.0

Isolation Width: 2.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 30.000

CV = 0.0V

6: ITMS + c norm Dep MS/MS 5th most intense ion from (1)

Activation Type: CID

Min. Signal Required: 500.0

Isolation Width: 2.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 30.000

CV = 0.0V

7: ITMS + c norm Dep MS/MS 6th most intense ion from (1)

Activation Type: CID

Min. Signal Required: 500.0

Isolation Width: 2.00

Normalized Coll. Energy: 35.0

Default Charge State: 2

Activation Q: 0.250

Activation Time: 30.000

CV = 0.0V

Data Dependent Settings:

Use separate polarity settings disabled

Parent Mass List: (none)

Reject Mass List: (none)

Neutral Loss Mass List: (none)

Product Mass List: (none)

Neutral loss in top: 3

Product in top: 3

Most intense if no parent masses found not enabled

Add/subtract mass not enabled

FT master scan preview mode enabled

Charge state screening enabled

Monoisotopic precursor selection enabled

Non-peptide monoisotopic recognition not enabled

Charge state rejection enabled

Unassigned charge states : rejected

Charge state 1 : rejected

Charge state 2 : not rejected

Charge state 3 : not rejected

Charge states 4+ : not rejected

Global Data Dependent Settings:

Use global parent and reject mass lists not enabled

Exclude parent mass from data dependent selection not enabled

Exclusion mass width relative to mass

Exclusion mass width relative to low (ppm): 10.00

Exclusion mass width relative to high (ppm): 10.00

Parent mass width relative to mass

Parent mass width relative to low (ppm): 10.00

Parent mass width relative to high (ppm): 10.00

Reject mass width relative to mass

Reject mass width relative to low (ppm): 5.00

Reject mass width relative to high (ppm): 5.00

Zoom/UltraZoom scan mass width by mass

Zoom/UltraZoom scan mass width low: 5.00

Zoom/UltraZoom scan mass width high: 5.00

FT SIM scan mass width low: 5.00

FT SIM scan mass width high: 5.00

Neutral Loss candidates processed by decreasing intensity

Neutral Loss mass width by mass

Neutral Loss mass width low: 0.5000

Neutral Loss mass width high: 0.5000

Product candidates processed by decreasing intensity

Product mass width by mass

Product mass width low: 0.5000

Product mass width high: 0.5000

MS mass range: 0.00-1000000.00

MSn mass range by mass

MSn mass range: 0.00-1000000.00

Use m/z values as masses not enabled

Analog UV data dep. not enabled

Dynamic exclusion enabled

Repeat Count: 1

Repeat Duration: 15.00

Exclusion List Size: 500

Exclusion Duration: 20.00

Exclusion mass width relative to mass

Exclusion mass width relative to low (ppm): 10.00

Exclusion mass width relative to high (ppm): 10.00

Expiration: disabled

Isotopic data dependence not enabled

Mass Tags data dependence not enabled

Custom Data Dependent Settings:

Not enabled

Method

RunTime: 188.00

AcquitySMMethod

RunTime: 1.0

Comment

Mode: ModeSequential\_0

LoopOption: LoopOptionPartial\_1

LoopOffline: Disable

WeakWashSolvent: Water

WeakWashVolume: 500

StrongWashSolvent: Water

StrongWashVolume: 500

ColumnTemperature: 35.0

ColumnTemperatureLimit: 5.0

SampleTemperature: 5.0

SampleTemperatureLimit: 5

Overfill: CustomDisable\_-1

ColumnReequilibration: 1.0

DrawRate: DrawRateMedium\_1

CustomRate: CustomDisable\_-1

Illumination: IlluminationOff\_0

NeedleDepth: CustomDisable\_-1

PreAspirateAir: CustomDisable\_-1

PostAspirateAir: CustomDisable\_-1

ColumnTemperatureDataEnable: false

AmbientTemperatureDataEnable: false

SampleTemperatureDataEnable: false

ElevatorTemperatureDataEnable: false

SamplePressureDataEnable: false

Switch1: InitialSwitchState\_5

Switch2: InitialSwitchState\_5

Switch3: InitialSwitchState\_5

Switch4: InitialSwitchState\_5

Switch5: InitialSwitchState\_5

Switch6: InitialSwitchState\_5

HighPressureLimit: 5000

LowPressureLimit: 0

ChartOut: ChartOut\_1

SampleTempAlarmEnable: false

ColumnTempAlarmEnable: false

RunEvents: true

EventTable

Function: FunctionNone

ColumnManagerPresent: false

ColumnManager

ValvePosition: ValvePosition\_1

SetColumnTemperature: HeaterOff\_-1

EquilibrationTime: 0.1

EnableColumnTempDataChannel: false

EnableAlarmBand: true

SetAlarmBandDegC: 5.0

Switch1: InitialSwitchState\_5

Switch2: InitialSwitchState\_5

Switch3: InitialSwitchState\_5

Switch4: InitialSwitchState\_5

RunEvents: false

AcquityBSMMethod

Scale: ScaleNano\_1

AuxPump: true

HTM: false

NanoParameters

VariableFlowFactor: 0.10

TrappingMode: TrappingMode\_2

EnablePeakParking: false

SampleLoadingTime: 6.00

BSMTrappingFlowRate: 5.000

BSMTrappingCompositionA: 100.0

BSMTrappingCompositionB: 0.0

TrappingLowPressureLimit: 0

TrappingHighPressureLimit: 10000

FlowRateADataEnable: false

FlowRateBDataEnable: false

TemperatureADataEnable: false

TemperatureBDataEnable: false

AuxPumpAParameters

AuxPumpRole: Auxiliary

AuxSolventName: Water

AuxSolventType: SolventType\_2

AuxFlow: 0.000

AuxFlowSource: 1

AuxLowPressureLimit: 0

AuxHighPressureLimit: 10000

AuxPressureDataEnable: false

AuxFlowRateDataEnable: false

AuxPumpBParameters

AuxPumpRole: Lock Mass

AuxSolventName: Water

AuxSolventType: SolventType\_2

AuxFlow: 0.000

AuxFlowSource: 1

AuxLowPressureLimit: 0

AuxHighPressureLimit: 10000

AuxPressureDataEnable: false

AuxFlowRateDataEnable: false

RunTime: 1.0

Comment

FlowSourceA: 1

FlowSourceB: 1

LowPressureLimit: 0

HighPressureLimit: 10000

SolventNameA: Water

SolventNameB: Acetonitrile

SolventTypeA: SolventType\_2

SolventTypeB: SolventType\_3

VentValve: VentValveSystem\_2

DegasserEnable: true

InitialSwitch1: SwitchNoChange\_4

InitialSwitch2: SwitchNoChange\_4

InitialSwitch3: SwitchNoChange\_4

SealWashPeriod: 30.0

Analog1: AnalogPressure\_2

Analog2: AnalogB\_4

SystemPressureDataEnable: false

FlowRateDataEnable: false

PercentADataEnable: false

PercentBDataEnable: false

LeftAPressureDataEnable: false

RightAPressureDataEnable: false

LeftBPressureDataEnable: false

RightBPressureDataEnable: false

DegasserPressureDataEnable: false

GradientTable

GradientRow

Time: Initial

Flow: 0.400

CompositionA: 96.0

CompositionB: 4.0

Curve

GradientRow

Time: 1.00

Flow: 0.400

CompositionA: 96.0

CompositionB: 4.0

Curve: 6

GradientRow

Time: 140.00

Flow: 0.400

CompositionA: 75.0

CompositionB: 25.0

Curve: 6

GradientRow

Time: 155.00

Flow: 0.400

CompositionA: 60.0

CompositionB: 40.0

Curve: 6

GradientRow

Time: 165.00

Flow: 0.400

CompositionA: 15.0

CompositionB: 85.0

Curve: 6

GradientRow

Time: 170.00

Flow: 0.400

CompositionA: 15.0

CompositionB: 85.0

Curve: 6

GradientRow

Time: 172.00

Flow: 0.400

CompositionA: 96.0

CompositionB: 4.0

Curve: 6

GradientRow

Time: 187.00

Flow: 0.400

CompositionA: 96.0

CompositionB: 4.0

Curve: 6

RunEvents: true

EventTable