Triple Quadrupole Acquisition Method - MS Parameters Report

Method file	D:\MassHunter\GCMS\2\methods\SAIRA-ASGHAR-040123.M\qqqacqmethod.xml
Tune file	AUTOTUNE-02-01-23.ei.tune.xml
Ion source	EI
Source temp. (C)	250
Electron energy mode	Use tune setting
Fixed Electron energy (eV)	
Stop mode	By Chromatograph Time
Stop time (min)	1
Solvent delay (min)	5
Time filter enabled	Yes
Time filter peak width (sec)	0.7
Use gain	Yes
EM Saver	
Auto baseline subtract	Yes

Time Segments:

Index	Start Time (min)	Scan Type	Electron Energy (eV)	Data Stored	Delta EMV (V)	Gain
1	5.00	MS1 Scan		X		1

Time Events:

Time Segment 1: MS1 Scan

Step size (amu)	0.1
Threshold	100
Profile data	No

Segment name	Start mass	End mass	Scan time (ms)
	40	700	200

Adminis

:20 PM

INSTRUMENT CONTROL PARAMETERS: GCMS TQQQ

D:\MassHunter\GCMS\2\methods\SAIRA-ASGHAR-040123.M
Mon Jan 09 09:44:49 2023

Control Information

Sample Inlet : GC
Injection Source : PAL Sampler
Mass Spectrometer : Enabled

Injection Volume: 2 µl
Overlap Injection Mode: No Overlap

PAL Method Information

Syringe: 10ul
Cycle: MACRO GC_Liq4-V2

Parameters of PAL Cycle

Air Volume (µl):	0
Pre Clean with Solvent 1 :	2
Pre Clean with Solvent 2 :	0
% Syringe Fill for Cleaning (%):	40
Pre Clean with Sample :	0
Sample Amount for Cleaning (µl):	0
Filling Speed (µl/s):	2
Filling Strokes :	1
Inject to:	GC Inj1
Injection Speed (µl/s):	50
Pre Inject Delay (ms):	500
Post Inject Delay (ms):	500
Post Clean with Solvent 1 :	2
Post Clean with Solvent 2 :	0

No Sample Prep method has been assigned to this method.

Oven	
Equilibration Time	0.5 min
Max Temperature	325 degrees C
Slow Fan	Disabled
Oven Program	On
50 °C for 5 min	
#1 then 7 °C/min to 200 °C for 20 min	
#2 then 10 °C/min to 300 °C for 15 min	
Run Time	71.429 min
QQQ Collision Cell EPC	
He Quench Gas	Off
N2 Collision Gas	Off

Adminis

:50 AM

Sample Overlap
Sample overlap is not enabled

Front SS Inlet He	
Mode	Split
Heater	On 250 °C
Pressure	On 1.9952 psi
Total Flow	On 19.5 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	On 20 mL/min After 2 min
Split Ratio	10 :1
Split Flow	15 mL/min
Thermal Aux 2 (MSD Transfer Line)	
Heater	On
Temperature Program	On
260 °C for 0 min	
Run Time	71.429 min
Column #1	
ZEBRONZEBRON-5MS	
325 °C: 30 m x 320 µm x 0.25 µm	
In: Front SS Inlet He	
Out: Vacuum	
(Initial)	50 °C
Pressure	1.9952 psi
Flow	1.5 mL/min
Average Velocity	44.635 cm/sec
Holdup Time	1.1202 min
Flow Program	On
1.5 mL/min for 0 min	
Run Time	71.429 min
Signals	
Signal #1: Test Plot	Save Off
	50 Hz
Signal #2: Test Plot	Save Off
	50 Hz
Signal #3: Test Plot	Save Off
	50 Hz
Signal #4: Test Plot	Save Off
	50 Hz

END OF INSTRUMENT CONTROL PARAMETERS

Adminis

:39 AM