Acquisition Method Report

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Acquisition Method Info

Method Name	TriPhosphateOnly_9-29-20.m
Method Path	D:\MassHunter\methods\Thomas\TriPhosphateOnly_9-29-20.m
Method Description	Default Method

Device List

Sampler
Binary Pump
Column Oven
QQQ

MS QQQ Mass Spectrometer

Ion Source	AJS ESI	**Tune File**	D:\MassHunter\Tune\QQQ\G6470A\atunes.TUNE.XML
Stop Mode	By StopTime	**Stop Time (min)**	40
Time Filter	On	**Time Filter Width (min)**	0.1

Time Segments

Index	Start Time (min)	Scan Type	Ion Mode	Div Valve	Delta EMV (+)	Delta EMV (-)	Store
1	0	MRM	ESI+Agilent Jet Stream	To MS	300	300	Yes

Time Segment 1

Scan Segments

Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	UMP M+3	No	328	Unit/Enh (6490)	97	Unit/Enh (6490)	10	30	14	5	Positive
	UMP	No	325	Unit/Enh (6490)	97	Unit/Enh (6490)	10	30	14	5	Positive
	Uridine M+3	No	248.2	Unit/Enh (6490)	115.96	Unit/Enh (6490)	10	30	14	5	Positive
	Uridine	No	245.2	Unit/Enh (6490)	112.96	Unit/Enh (6490)	10	30	14	5	Positive
	ATP Standard	No	542.9	Unit/Enh (6490)	158.9	Unit/Enh (6490)	10	80	50	5	Negative
	GTP	No	522.2	Unit/Enh (6490)	159	Unit/Enh (6490)	10	30	32	5	Negative
	dGTP	No	506	Unit/Enh (6490)	159	Unit/Enh (6490)	10	30	32	5	Negative
	dATP	No	490.1	Unit/Enh (6490)	159	Unit/Enh (6490)	10	35	32	5	Negative
	UTP M+3	No	486	Unit/Enh (6490)	159	Unit/Enh (6490)	10	30	26	5	Negative
	CTP M+3	No	485.16	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	36	5	Negative
	dTTP M+3	No	484	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	35	5	Negative
	UTP	No	483	Unit/Enh (6490)	159	Unit/Enh (6490)	10	30	26	5	Negative
	CTP	No	482.16	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	36	5	Negative
	dTTP	No	481	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	35	5	Negative
	dCTP M+12 Standard	No	478	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	36	5	Negative
	dUTP M+3	No	470	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	36	5	Negative
	dCTP M+3	No	469	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	35	5	Negative
	dUTP	No	467	Unit/Enh (6490)	159	Unit/Enh (6490)	10	30	36	5	Negative

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Cpd Group	Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Dwell	Frag (V)	CE (V)	Cell Acc (V)	Polarity
	dCTP	No	466	Unit/Enh (6490)	159	Unit/Enh (6490)	10	34	35	5	Negative
	Fumaric acid d2 Std	No	117	Unit/Enh (6490)	72.8	Unit/Enh (6490)	10	50	20	5	Negative

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	350	350
Gas Flow (l/min)	9	9
Nebulizer (psi)	50	50
SheathGasHeater	375	375
SheathGasFlow	12	12
Capillary (V)	3500	3500
VCharging	1000	1000

Scan Parameters

Data Stg	Threshold
Centroid	0

Chromatograms

Chrom Type	Label	Offset	Y-Range
TIC	TIC	0	10000000

Instrument Curves

Actual

Name: Sampler   **Module: G7129B**

Auxiliary

Draw Speed	100 µL/min
Eject Speed	400 µL/min
Wait Time After Draw	1.2 s
Needle Height Offset	0.0 mm

Injection

Injection Mode	Standard injection
Injection Volume	10.00 µL

High throughput

Sample Flush-Out Factor	5.0
Injection Valve to Bypass for Delay Volume Reduction	No

Overlapped Injection

Overlapped Injection Mode	Off

Stop Time

Stoptime Mode	As pump/No limit

Post Time

Posttime Mode	Off

Name: Binary Pump   **Module: G7120A**

Flow	0.350 mL/min
Use Solvent Types	Yes
Stroke Mode	Synchronized
Low Pressure Limit	0.00 bar
High Pressure Limit	700.00 bar
Max. Flow Ramp Up	100.000 mL/min²
Max. Flow Ramp Down	100.000 mL/min²
Expected Mixer	No check
Stroke A	

Automatic Stroke Calculation A   Yes

Stop Time

Stoptime Mode   Time set
Stoptime   40.00 min

Post Time

Posttime Mode   Off

Solvent Composition

	Channel	Ch. 1 Solv.	Name 1	Ch2 Solv.	Name 2	Selected	Used	Percent (%)
1	A	100.0 % Water V.02		100.0 % Water V.02		Ch. 1	Yes	15.00 %
2	B	100.0 % Acetonitrile V.02		100.0 % Acetonitrile V.02		Ch. 1	Yes	85.00 %

Timetable

	Time (min)	A (%)	B (%)	Flow (mL/min)
1	5.00 min	70.00 %	30.00 %	0.350 mL/min
2	30.00 min	98.00 %	2.00 %	0.350 mL/min
3	35.00 min	98.00 %	2.00 %	0.350 mL/min
4	40.00 min	15.00 %	85.00 %	0.350 mL/min
5	45.00 min	15.00 %	85.00 %	0.350 mL/min

Name: Column Oven   **Module: G7130A**

Temperature Control

Temperature Control Mode   Not Controlled

Temperature Not Ready Limit

Temperature Not Ready Limit On   Yes
Temperature Not Ready Limit Value   0.8 °C
Temperature Equilibration Time   0.0 min

Enforce column for run

Enforce column for run enabled   No

Stop Time

Stoptime Mode   As pump/injector

Post Time

Posttime Mode   Off

Timetable

	Pressure (bar)
1	700.00 bar
2	700.00 bar
3	700.00 bar
4	700.00 bar
5	700.00 bar