



Method name	LC-MS/MS-ESI(+)-9							
Instrument	LC-MS/MS							
Chromatographic method	LC							
Extraction method	QuPpe							
Clean-up	no							
Use of AP (analyte protectant)	no							
Internal standard	none							
Instrument parameters								
Ionisation mode	ESI(+)							
Column	Agilent Poroshell zHILIC 2.1x100mm, 2µm							
Pre-column	Agilent Poroshell zHILIC 2.1x5mm, 2µm							
Column temperature (°C)	40							
Eluent A1	50 mmol NH ₄ formiate in Water pH 3							
Eluent B1	ACN							
Gradient	%A	Flow [mL/min]		Time [min]				
	20	0.4		0				
	60	0.4		2.00				
	10	0.4		2.50				
	10	0.4		4.50				
	80	0.4		4.60				
	80	0.4		9.00				
Injection volume (µL)	10							
Acquired mass transitions	Target		Qualifier 1		Qualifier 2		Qualifier 3	
	Q1 (m/z)	Q3 (m/z)	Q1 (m/z)	Q3 (m/z)	Q1 (m/z)	Q3 (m/z)	Q1 (m/z)	Q3 (m/z)
Validamycin A	498	178	498	336	498	142	498	124
Spectinomycin	333	140	333	189	333	98	333	122
Kasugamycin	380	112	380	200	380	156		
Streptomycin	582	263	582	540	582	407	582	390
Dihydrostreptomycin	584	263	584	409	584	322	584	392