Sample tube	[ug/cig]		Used std. curve (0.10, 0.25, 0.50, 1.0, and 5.0 ug/ml stds.)
T1	0.5		Test samples fall at midpoint to upper part of std. curve
T2	0.3		

Blank tube	[ng/ml]	ng/cig	Used std. curve (5, 10, 25, 50, and 100 ng/ml stds.)
1	0.9	0.36	Same level of 162 ion in the I.S. solution as in the blank tubes
2	0.7	0.28	
3	3.7	1.48	4mL
4	0.8	0.32	
5	1.4	0.56	
Mean =	1.50		
Stdev. =	1.26		
Mean + 3(stdev.) =	5.3	Limit of detection	
Mean + 10(stdev.) =	14.1	Limit of quantitation	

ng/cig

0.6 ± 0.504

$LOD = 3 \times 0.504 = 1.5$ ng/cig.

LOQ 5.0 ng/cig.

Based on m/e 162 interfer @ m/e 84

impurity from Carvone separates w/ Temp prog.

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