

SYSTEM PRECISION REPORT

ACQUISITION INFORMATION

System Name: IClass_BSM_FTN_FLR

Project Path: SQT_E_BSM_FTN_FLR

Processing Method: Automated Qualification PM

Sample Kit 1 Expiration Date: 28.02.2020 00:00:00 SGT

Sample Kit 1 Lot Number: 700002753

Acquired By: hzluo

Report Method: System Precision RM

Column Serial Number: 03323902435101

Sample Set Name: System Precision SSM

Sample Set Id: 3099

Result Set Id: 3705

In the System Precision test, six (6) injections of Anthracene are made at the same injection volume and concentration.

The System Precision test passes when all six (6) expected Anthracene peaks are identified, the peak retention time SD is ≤ 1.0 seconds, peak area %RSD is $\leq 0.5\%$, and peak height %RSD is $\leq 1.1\%$.

Results are rounded to the same precision as displayed by the acceptance criterion prior to comparing against the specification.

System Precision Area and Height Results

	Area %RSD Specification	Area %RSD	Area %RSD Pass/Fail	Height %RSD Specification	Height %RSD	Height %RSD Pass/Fail
1	≤ 0.5	0.2	PASS	≤ 1.1	0.2	PASS

System Precision Retention Time (sec) Results

	Retention Time(sec) Standard Deviation Specification	Retention Time(sec) Standard Deviation	Retention Time(sec) Standard Deviation Pass/Fail
1	≤ 1.0	0.0	PASS

Certification

Comments

The undersigned performer attests that the values recorded above are accurate and complete.

Performer

Signature

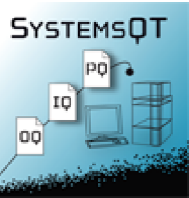
Date

The undersigned reviewer accepts that the values recorded above are accurate and complete.

Reviewer

Signature

Date



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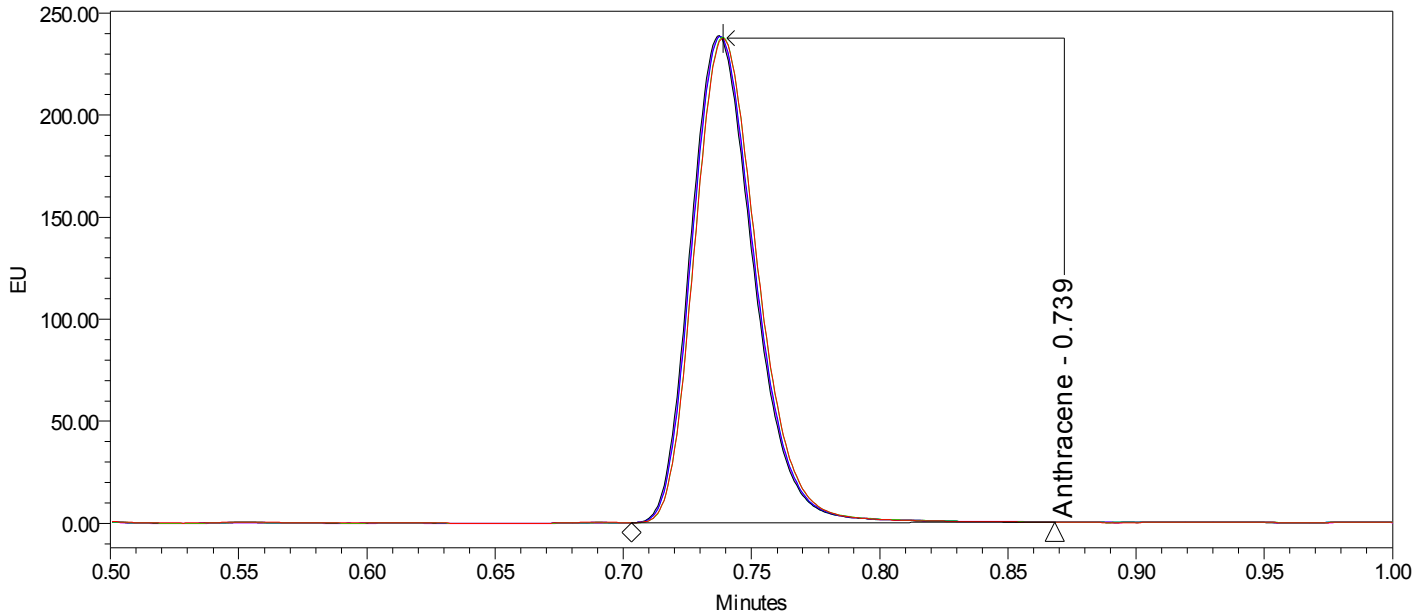
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System Precision Overlay Chromatograms



System Precision Results

	Injection	Peak Name	RT (min)	RT (Sec)	Area	Height (礦)	Result Id
1	1	Anthracene	0.74	44.3	4081224	2375348	3708
2	2	Anthracene	0.74	44.3	4091715	2381246	3709
3	3	Anthracene	0.74	44.3	4100969	2385344	3710
4	4	Anthracene	0.74	44.2	4084882	2386614	3711
5	5	Anthracene	0.74	44.3	4098898	2383884	3712
6	6	Anthracene	0.74	44.2	4079798	2383502	3713

System Precision Summary Results

	Retention Time (sec) Standard Deviation	Area % RSD	Height % RSD
1	0.0	0.2	0.2