

SYSTEM READINESS CHECK 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 Readiness Check RM

Column Serial Number: 03323902435101

Sample Set Name: System Readiness Check SSM

Sample Set Id: 2893

Result Set Id: 3732

The System Readiness Check is performed prior to the qualification to demonstrate the chromatographic system and column is in an equilibrated, ready state for qualification. The Standard Deviation (SD) of retention time, peak area and height %RSD values of the injected Anthracene sample are calculated to demonstrate the readiness of the system for qualification.

The system is considered to be in a ready state only when the resulting data indicates all three (3) peaks are identified, the SD of the anthracene peak RT is ≤ 1.5 seconds, peak area %RSD is $\leq 0.75\%$, and peak height %RSD is $\leq 2.4\%$.

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

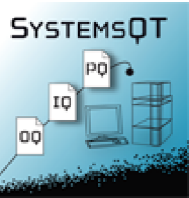
System Readiness Check Area and Height Results

	Area %RSD Specification	Area %RSD	Area %RSD Pass/Fail	Height %RSD Specification	Height %RSD	Height %RSD Pass/Fail
1	≤ 0.75	0.71	System Ready	≤ 2.4	0.6	System Ready

System Readiness Check Retention Time (sec)

Results

	Retention Time(sec) Standard Deviation Specification	Retention Time(sec) Standard Deviation	Retention Time(sec) Standard Deviation Pass/Fail
1	≤ 1.5	0.6	System Ready



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Certification

Comments

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

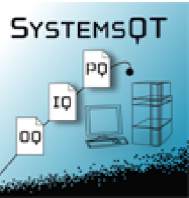
Performer

Signature Date _____

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

Reviewer

Signature Date _____



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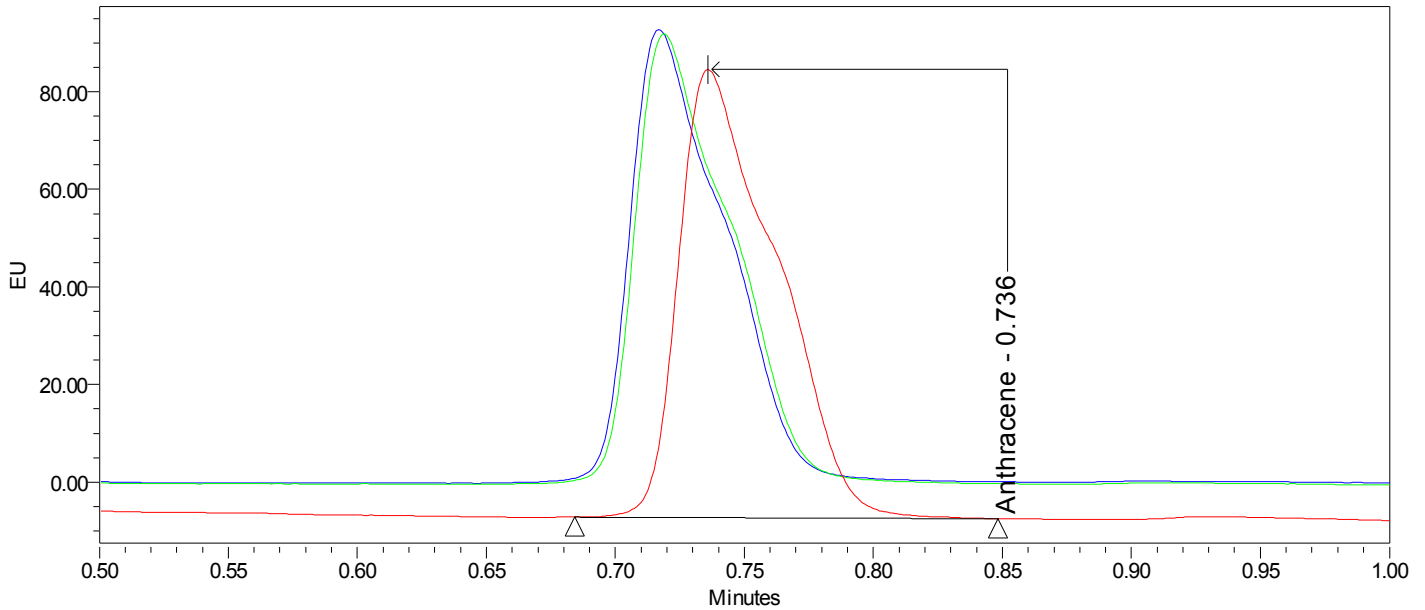
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System Readiness Check Overlay Chromatograms



System Readiness Check Results

	Injection	Peak Name	RT (min)	RT (sec)	Area	Height (礦)	Result Id
1	1	Anthracene	0.74	44.2	2398663	917893	3735
2	2	Anthracene	0.72	43.1	2372526	922976	3736
3	3	Anthracene	0.72	43.0	2366917	928818	3737

System Readiness Check Summary Results

	Retention Time (sec) Standard Deviation	Area % RSD	Height % RSD
1	0.6	0.71	0.6