

Sequence and Chromatogram Overview

Sequence Details

Name:	SST-Acclaim column	Criteria	Created On:	01/Oct/2021 14:50
Instrument:	EMS1_001 CW3NB93_1	RT %CV	Updated On:	16/Nov/21 14:33:06
Imported Data:	False	Peak Area %CV		
First Injection:	Blank	Peak Height Range	1.00E+07	7.00E+09
Processing Method:	MAM2.0 Enbrel NIBRT Proc Method_01	Peak Height %CV	10%	
MS Acquisition Time [min]	120.01	Max Peak Width 10% Height	25	
Method Length [min]:	115.00	Peak Width 10% Height %CV	10%	
Total Time [hrs]	50.90	Mass Accuracy range	-5	5
Data Vault:	ChromeleonLocal		Created By:	Thermo
No. of Injections:	27		Updated By:	Silvia

Injection Details

Injection Name	Area	Type	Volume	InstrumentMethod	Processing Method	Status	Inject Time
	n.a.		µL				
NIST	1.74e+07	Check Standard	4.00	PepMap_Acclaim_120min_MSMS	NIST_Reference_Pe	Finished	01/Oct/21 16:51:21
NIST	1.96e+07	Check Standard	4.00	PepMap_Acclaim_120min_MSMS	NIST_Reference_Pe	Finished	01/Oct/21 18:52:43
NIST	1.78e+07	Check Standard	4.00	PepMap_Acclaim_120min_MSMS	NIST_Reference_Pe	Finished	03/Oct/21 15:24:13

Does this Sequence Pass System Suitability?

RETENTION TIME

Peak Name	Pass or Fail?	Ret. Time min	%RSD counts*min
First Injection	First Injection	NIST	First Injection
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation Peak
HYNPSLK	Pass	16.28	16.21
EEQYN[A2G1F]STYR	Pass	17.65	17.59
EEQYN[A2G0F]STYR	Pass	17.85	17.79
ALPAPIEK	Pass	28.32	28.26
LLIYDTSK	Pass	35.54	35.47
NQVSLTC[Carboxymethylation]LVK	Pass	44.28	44.21
TTPPVLDSDGSFFLYSK	Pass	56.47	56.41
VVSVLTVLHODWLNKG	Pass	61.71	61.62
ALEWLADIWDDKK	Pass	67.44	67.35

PEAK AREA

Peak Name	Pass or Fail?	Area counts*min	%RSD counts*min
First Injection	First Injection	NIST	First Injection
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation Peak
HYNPSLK	Pass	1.02e+07	1.17e+07
EEQYN[A2G1F]STYR	Pass	1.90e+06	2.11e+06
EEQYN[A2G0F]STYR	Pass	1.56e+06	1.71e+06
ALPAPIEK	Pass	1.74e+07	1.96e+07
LLIYDTSK	Pass	2.69e+07	2.70e+07
NQVSLTC[Carboxymethylation]LVK	Pass	1.46e+07	1.47e+07
TTPPVLDSDGSFFLYSK	Pass	4.07e+07	3.91e+07
VVSVLTVLHODWLNKG	Pass	7.90e+07	7.73e+07
ALEWLADIWDDKK	Pass	4.98e+07	4.84e+07

PEAK HEIGHT

Peak Name	Pass or Fail?	Height counts	Min Peak Height counts	Max Peak Height counts
First Injection	First Injection	NIST	First Injection	First Injection
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation Peak	MS Quantitation Peak
HYNPSLK	Pass	1.04e+08	1.19e+08	1.01e+08
EEQYN[A2G1F]STYR	Pass	1.43e+07	1.69e+07	1.37e+07
EEQYN[A2G0F]STYR	Pass	1.52e+07	1.73e+07	1.52e+07
ALPAPIEK	Pass	9.61e+07	1.01e+08	9.53e+07
LLIYDTSK	Pass	2.40e+08	2.12e+08	2.12e+08
NQVSLTC[Carboxymethylation]LVK	Pass	1.36e+08	1.21e+08	1.21e+08
TTPPVLDSDGSFFLYSK	Pass	3.71e+08	3.06e+08	3.06e+08
VVSVLTVLHODWLNKG	Pass	5.65e+08	4.83e+08	4.83e+08
ALEWLADIWDDKK	Pass	3.99e+08	3.38e+08	3.38e+08

PEAK WIDTH AT 10% HEIGHT

Peak Name	Pass or Fail	Peak Width (10%) sec	Max Peak Height sec	Peak Width (10%) %CV
First Injection	First Injection	NIST	First Injection	First Injection
MS Quantitation	MS Quantitation	MS Quantitation	MS Quantitation Peak	MS Quantitation Peak
HYNPSLK	Pass	10.21	10.05	9.96
EEQYN[A2G1F]STYR	Pass	17.05	16.24	17.20
EEQYN[A2G0F]STYR	Pass	10.86	10.23	10.38
ALPAPIEK	Pass	19.55	20.28	19.64
LLIYDTSK	Pass	11.95	12.05	11.60
NQVSLTC[Carboxymethylation]LVK	Pass	11.09	10.66	11.02
TTPPVLDSDGSFFLYSK	Pass	11.45	11.23	11.61
VVSVLTVLHODWLNKG	Pass	14.14	14.29	13.98
ALEWLADIWDDKK	Pass	13.14	13.24	13.32

COMPOSITE SCORING AND MASS ACCURACY

Peak Name	Pass or Fail	Composite Score	Mass Accuracy ppm	Min MA Conf1 ppm
First Injection	First Injection	NIST	NIST	First Injection
MS Quantitation Peak	MS Quantitation Peak	MS Quantitation	MS Quantitation Peak	MS Quantitation Peak
(+2) HYNPSLK	Pass	Confirmed	-2.06	-2.56
(+1) HYNPSLK	Pass	Confirmed	-2.69	-2.76
(+2) EEQYN[A2G1F]STYR	Pass	Confirmed	-1.26	-1.96
(+3) EEQYN[A2G1F]STYR	Pass	Confirmed	-1.58	-2.17
(+3) EEQYN[A2G0F]STYR	Pass	Confirmed	-1.84	-2.74
(+2) EEQYN[A2G0F]STYR	Pass	Confirmed	-1.48	-2.50

(+1) ALPAPIEK	Pass	Confirmed	Confirmed	Confirmed	-2.46	-2.46	-2.60	-2.60
(+2) ALPAPIEK	Pass	Confirmed	Confirmed	Confirmed	-1.82	-1.96	-1.96	-1.96
(+1) LLIYDTSK	Pass	Confirmed	Confirmed	Confirmed	-1.34	-1.47	-1.79	-1.79
(+2) LLIYDTSK	Pass	Confirmed	Confirmed	Confirmed	-1.18	-1.11	-1.56	-1.56
(+1) NQVSLTC[Carboxymethylation]LVK	Pass	Confirmed	Confirmed	Confirmed	-1.43	-1.64	-2.06	-2.06
(+2) NQVSLTC[Carboxymethylation]LVK	Pass	Confirmed	Confirmed	Confirmed	-1.07	-1.28	-1.60	-1.60
(+2) TTPPVLDSDGSFFLYSK	Pass	Confirmed	Confirmed	Confirmed	-2.35	-2.61	-2.74	-2.74
(+3) TTPPVLDSDGSFFLYSK	Pass	Confirmed	Confirmed	Confirmed	-2.56	-2.56	-2.95	-2.95
(+3) VVSVLTVLHQDWLNGK	Pass	Confirmed	Confirmed	Confirmed	-1.43	-1.73	-1.93	-1.93
(+2) VVSVLTVLHQDWLNGK	Pass	Confirmed	Confirmed	Confirmed	-1.08	-1.95	-2.29	-2.29
(+2) ALEWLADIWWDDKK	Pass	Confirmed	Confirmed	Confirmed	-2.02	-1.95	-2.63	-2.63
(+3) ALEWLADIWWDDKK	Pass	Confirmed	Confirmed	Confirmed	-1.77	-1.67	-2.38	-2.38

