Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034536.D
Acq On : 07 Apr 2022 03:41
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4073

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 05:01:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	2951	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	9328	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.555	164	4524	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	5930	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	5522	0.400	ng/ul	#-0.01
23) Perylene-d12	23.883	264	4952	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2173	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4736	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	6547	0.404	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	2110	0.428	ng/ul#	70
5) Naphthalene	10.779	128	10656	0.365	ng/ul#	90
7) 2-Methylnaphthalene	12.401	142	6178	0.388	ng/ul	97
8) 1-Methylnaphthalene	12.610	142	6407	0.400	ng/ul	98
10) Acenaphthylene	14.278	152	8462	0.404	ng/ul#	91
11) Acenaphthene	14.620	153	6893	0.407	ng/ul	95
12) Fluorene	15.615	166	6492	0.372	ng/ul	97
14) Pentachlorophenol	16.978	266	931	0.370	ng/ul	98
15) Phenanthrene	17.350	178	8100	0.421	ng/ul	97
16) Anthracene	17.455	178	5927	0.405	ng/ul	97
19) Fluoranthene	19.362	202	9253	0.399	ng/ul	98
20) Pyrene	19.720	202	11230	0.415	ng/ul#	93
21) Benzo(a)anthracene	21.475	228	4453m	0.371	ng/ul	
22) Chrysene	21.518	228	5688	0.400	ng/ul	97
24) Benzo(b)fluoranthene	23.149	252	6216m	0.384	ng/ul	
25) Benzo(k)fluoranthene	23.193	252	5973	0.413	ng/ul#	86
26) Benzo(a)pyrene	23.778	252	7371	0.390	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.395	276	9515	0.418	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.418	278	6840	0.413	ng/ul#	76
29) Benzo(g,h,i)perylene	27.146	276	10182	0.413	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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