Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019853.D
Acq On : 19 May 2022 11:37
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 21 04:16:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4357

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
Supervised By :mohammad ahmed 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	3136	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.634	136	10895	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.469	164	7322	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15942	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	16451	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	16412	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1589m	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7911	0.480	ng/ul	-0.01
18) Fluoranthene-d10	19.244	212	19489	0.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	1508m	0.383	ng/ul	
5) Naphthalene	10.683	128	13619	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	9344	0.435	ng/ul#	100
8) 1-Methylnaphthalene	12.515	142	9487	0.477	ng/ul#	100
10) Acenaphthylene	14.187	152	15404	0.425	ng/ul	100
11) Acenaphthene	14.530	153	10963	0.377	ng/ul	98
12) Fluorene	15.520	166	12734	0.399	ng/ul	99
14) Pentachlorophenol	16.867	266	1256	0.366	ng/ul	89
15) Phenanthrene	17.255	178	21787	0.372	ng/ul	99
16) Anthracene	17.344	178	20177	0.422	ng/ul	99
19) Fluoranthene	19.272	202	25456	0.338	ng/ul	99
20) Pyrene	19.634	202	26038	0.346	ng/ul	99
21) Benzo(a)anthracene	21.388	228	24789	0.403	ng/ul	100
22) Chrysene	21.438	228	25580	0.353	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	26902	0.323	ng/ul	90
25) Benzo(k)fluoranthene	23.080	252	25455	0.317	ng/ul	97
26) Benzo(a)pyrene	23.642	252	25680	0.362	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.151	276	27610	0.312	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.168	278	22635	0.306	ng/ul#	80
29) Benzo(g,h,i)perylene	26.889	276	23382	0.289	ng/ul	98

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

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