Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
Data File : BM038536.D
Acq On : 25 Jan 2023 19:50
Operator : CG/JU
Sample : SSTD0.223
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 27 00:04:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 26 10:02:26 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/27/2023
Supervised By :mohammad ahmed 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	1848	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	3505	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2767	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	6107	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	6205	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6887	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	496	0.204	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1145	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	3684	0.208	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	501	0.203	ng/ul#	1
5) Naphthalene	10.829	128	2539m	0.232	ng/ul	
7) 2-Methylnaphthalene	12.435	142	1276	0.212	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	1310	0.211	ng/ul	100
10) Acenaphthylene	14.324	152	2515	0.206	ng/ul	95
11) Acenaphthene	14.662	153	1923	0.207	ng/ul	98
12) Fluorene	15.647	166	2422	0.209	ng/ul	99
14) Pentachlorophenol	17.004	266	491	0.197	ng/ul	95
15) Phenanthrene	17.384	178	4313	0.219	ng/ul	97
16) Anthracene	17.477	178	3502	0.208	ng/ul	96
19) Fluoranthene	19.394	202	4575	0.207	ng/ul#	95
20) Pyrene	19.757	202	4962	0.209	ng/ul#	97
21) Benzo(a)anthracene	21.501	228	4531	0.205	ng/ul	97
22) Chrysene	21.554	228	4559	0.206	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	5320	0.205	ng/ul	86
25) Benzo(k)fluoranthene	23.240	252	5131	0.204	ng/ul#	87
26) Benzo(a)pyrene	23.822	252	4911	0.211	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.441	276	6683	0.204	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.458	278	5297	0.203	ng/ul#	88
29) Benzo(g,h,i)perylene	27.216	276	5817	0.205	ng/ul	95

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

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