Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040422\
Data File : BM034492.D
Acq On : 04 Apr 2022 18:10
Operator : CG/JU
Sample : SSTD1.619
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 05 11:27:49 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 11:24:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2022
Supervised By :Yogesh Patel 04/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	7265	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.560	164	3617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	6050	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	5085	0.400	ng/ul	# 0.00
23) Perylene-d12	23.892	264	4557	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	5851	1.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	14147	1.485	ng/ul	-0.02
18) Fluoranthene-d10	19.329	212	22093	1.291	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	5969	1.028	ng/ul#	84
5) Naphthalene	10.774	128	31509	1.389	ng/ul#	87
7) 2-Methylnaphthalene	12.390	142	19027	1.537	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	18985	1.524	ng/ul	100
10) Acenaphthylene	14.277	152	25239	1.508	ng/ul#	90
11) Acenaphthene	14.620	153	20120	1.485	ng/ul	95
12) Fluorene	15.605	166	21207	1.518	ng/ul#	97
14) Pentachlorophenol	16.961	266	3607	1.406	ng/ul	97
15) Phenanthrene	17.346	178	28441	1.447	ng/ul	94
16) Anthracene	17.438	178	23396	1.554	ng/ul#	91
19) Fluoranthene	19.357	202	31863	1.302	ng/ul	99
20) Pyrene	19.719	202	35090	1.226	ng/ul	97
21) Benzo(a)anthracene	21.469	228	18156	1.405	ng/ul	97
22) Chrysene	21.521	228	22242	1.481	ng/ul	97
24) Benzo(b)fluoranthene	23.149	252	23305	1.561	ng/ul	92
25) Benzo(k)fluoranthene	23.199	252	24374m	1.830	ng/ul	
26) Benzo(a)pyrene	23.784	252	25244	1.450	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.391	276	32477	1.543	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.418	278	24032	1.573	ng/ul	90
29) Benzo(g,h,i)perylene	27.152	276	33573	1.480	ng/ul	96

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

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