Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040446.D
Acq On : 29 Jun 2023 20:28
Operator : MA/JU
Sample : 03143-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 30 03:07:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCFU7DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	7511	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	26738	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.586	164	12299	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21783	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11886	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	12233	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	7096	0.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1498	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1780	0.047	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	1753	0.024	ng/ul#	76
7) 2-Methylnaphthalene	12.417	142	943	0.022	ng/ul	99
10) Acenaphthylene	14.304	152	1379	0.025	ng/ul#	72
11) Acenaphthene	14.647	153	1351	0.029	ng/ul	97
12) Fluorene	15.632	166	1425	0.029	ng/ul#	95
15) Phenanthrene	17.374	178	15847	0.234	ng/ul	99
16) Anthracene	17.463	178	3177	0.056	ng/ul#	85
19) Fluoranthene	19.389	202	25021	0.496	ng/ul	96
20) Pyrene	19.747	202	18811m	0.348	ng/ul	
21) Benzo(a)anthracene	21.494	228	9108	0.227	ng/ul	94
22) Chrysene	21.547	228	11559	0.252	ng/ul#	94
24) Benzo(b)fluoranthene	23.187	252	17227	0.364	ng/ul	81
25) Benzo(k)fluoranthene	23.230	252	6811m	0.146	ng/ul	
26) Benzo(a)pyrene	23.815	252	9578	0.225	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.430	276	9302	0.157	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.434	278	2330	0.050	ng/ul#	32
29) Benzo(g,h,i)perylene	27.198	276	9315	0.179	ng/ul#	90

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

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