Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042210.D
Acq On : 05 Oct 2023 10:23
Operator : MA/JU
Sample : 04588-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 06 05:26:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BBHT7DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/07/2023
Supervised By :mohammad ahmed
10/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	3243	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.735	136	7668	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.573	164	4208	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	8338	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.509	240	4281	0.400	ng/ul	# 0.00
23) Perylene-d12	23.912	264	3975	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	3340	0.773	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.319	152	487	0.046	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	343	0.021	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	217	0.048	ng/ul#	66
5) Naphthalene	10.790	128	50474	1.973	ng/ul#	82
7) 2-Methylnaphthalene	12.396	142	113388	7.403	ng/ul	98
8) 1-Methylnaphthalene	12.616	142	108389	7.025	ng/ul	100
10) Acenaphthylene	14.287	152	2492	0.094	ng/ul#	1
11) Acenaphthene	14.638	153	5905	0.293	ng/ul#	77
12) Fluorene	15.624	166	10911	0.481	ng/ul#	91
15) Phenanthrene	17.371	178	18079	0.526	ng/ul#	94
16) Anthracene	17.464	178	1196	0.038	ng/ul#	53
19) Fluoranthene	19.380	202	1500	0.046	ng/ul#	73
20) Pyrene	19.747	202	3334m	0.096	ng/ul	
21) Benzo(a)anthracene	21.495	228	1285	0.046	ng/ul#	75
22) Chrysene	21.547	228	976	0.036	ng/ul#	71
24) Benzo(b)fluoranthene	23.172	252	1245	0.053	ng/ul#	1
25) Benzo(k)fluoranthene	23.222	252	586	0.025	ng/ul#	1
26) Benzo(a)pyrene	23.804	252	641	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.186	276	958	0.040	ng/ul#	49

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

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