Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034636.D
Acq On : 13 Apr 2022 00:45
Operator : CG/JU
Sample : N2319-14MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YB2J1MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:11:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	1739	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.705	136	5741	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.530	164	3250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.280	188	5088	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	4704	0.400	ng/ul	#-0.01
23) Perylene-d12	23.840	264	3747	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4959	1.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2932	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.299	212	6911	0.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	2477m	0.830	ng/ul	
5) Naphthalene	10.755	128	6159	0.371	ng/ul	93
7) 2-Methylnaphthalene	12.377	142	3625	0.366	ng/ul	99
8) 1-Methylnaphthalene	12.586	142	3715	0.370	ng/ul	99
10) Acenaphthylene	14.252	152	5943	0.389	ng/ul	92
11) Acenaphthene	14.594	153	4268	0.350	ng/ul	96
12) Fluorene	15.584	166	4669	0.372	ng/ul	98
14) Pentachlorophenol	16.938	266	1588	0.805	ng/ul	97
15) Phenanthrene	17.322	178	6885	0.419	ng/ul	98
16) Anthracene	17.424	178	3475	0.277	ng/ul	100
19) Fluoranthene	19.332	202	8907	0.458	ng/ul	98
20) Pyrene	19.694	202	10394	0.453	ng/ul#	95
21) Benzo(a)anthracene	21.443	228	4193m	0.427	ng/ul	
22) Chrysene	21.493	228	5705	0.460	ng/ul	99
24) Benzo(b)fluoranthene	23.109	252	5780m	0.470	ng/ul	
25) Benzo(k)fluoranthene	23.159	252	5369	0.435	ng/ul#	88
26) Benzo(a)pyrene	23.738	252	6661	0.471	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.325	276	8073	0.430	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.359	278	5946	0.437	ng/ul#	76
29) Benzo(g,h,i)perylene	27.073	276	9094	0.445	ng/ul	97

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

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