Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 03 04:15:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW904RE

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3738	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.588	136	12438	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.445	164	7926	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.207	188	12674	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.373	240	12095	0.400	ng/ul	#-0.03
23) Perylene-d12	23.808	264	27192m	0.400	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	12475	2.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.183	152	3328	0.209	ng/ul	-0.02
18) Fluoranthene-d10	19.247	212	15556m	0.478	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.638	128	575246	18.418	ng/ul	97
7) 2-Methylnaphthalene	12.254	142	219541	12.179	ng/ul	96
8) 1-Methylnaphthalene	12.474	142	197587	10.218	ng/ul	99
10) Acenaphthylene	14.167	152	1844822	60.135	ng/ul	99
11) Acenaphthene	14.509	153	850640	35.301	ng/ul	97
12) Fluorene	15.499	166	1501966	56.180	ng/ul	97
14) Pentachlorophenol	16.882	266	1290	0.467	ng/ul#	88
15) Phenanthrene	17.279	178	14833711	444.251	ng/ul	97
16) Anthracene	17.355	178	5403604	188.470	ng/ul	99
19) Fluoranthene	19.316	202	24894836m	576.936	ng/ul	
20) Pyrene	19.697	202	20689934	444.011	ng/ul	95
21) Benzo(a)anthracene	21.438	228	14355846m	412.822	ng/ul	
22) Chrysene	21.499	228	11766428m	298.989	ng/ul	
24) Benzo(b)fluoranthene	23.156	252	22854514m	239.323	ng/ul	
25) Benzo(k)fluoranthene	23.194	252	5427359m	55.816	ng/ul	
26) Benzo(a)pyrene	23.785	252	15135917m	176.534	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.409	276	16329924m	150.624	ng/ul	
28) Dibenzo(a,h)anthracene	26.366	278	3646856m	43.339	ng/ul	
29) Benzo(g,h,i)perylene	27.191	276	13610482m	144.075	ng/ul	

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

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