Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019339.D
Acq On : 05 Apr 2022 05:23
Operator : CG/JU
Sample : N2237-06 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A01015

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 05:59:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	5329	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	16556	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	11268	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	23574	0.400	ng	#	0.00
29) Chrysene-d12	21.386	240	18626	0.400	ng	#	0.00
35) Perylene-d12	23.738	264	14161	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	557	0.039	ng		0.00
5) Phenol-d6	7.002	99	534	0.031	ng		0.01
8) Nitrobenzene-d5	9.003	82	422	0.028	ng		0.02
11) 2-Methylnaphthalene-d10	12.227	152	1140	0.039	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	205	0.030	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	1684	0.036	ng		0.00
27) Fluoranthene-d10	19.236	212	2330	0.031	ng		0.00
31) Terphenyl-d14	19.830	244	1605	0.040	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.680	128	12588	0.258	ng		98
12) 2-Methylnaphthalene	12.299	142	4958	0.146	ng		97
16) Acenaphthylene	14.185	152	8969	0.160	ng		99
17) Acenaphthene	14.527	154	14320	0.385	ng		99
18) Fluorene	15.511	166	26749	0.545	ng		95
25) Phenanthrene	17.246	178	419250	5.300	ng		100
26) Anthracene	17.338	178	70097	1.008	ng		97
28) Fluoranthene	19.265	202	575456	6.134	ng		100
30) Pyrene	19.628	202	451651	5.212	ng	#	95
32) Benzo(a)anthracene	21.377	228	232305	3.375	ng		99
33) Chrysene	21.422	228	217786	2.848	ng		98
34) Bis(2-ethylhexyl)phtha...	21.306	149	1390	0.027	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.164	276	67967	1.147	ng	#	90
37) Benzo(b)fluoranthene	23.027	252	229112	4.129	ng		97
38) Benzo(k)fluoranthene	23.068	252	80506m	1.388	ng		
39) Benzo(a)pyrene	23.632	252	144822m	2.905	ng		
40) Dibenzo(a,h)anthracene	26.170	278	16468	0.359	ng		94
41) Benzo(g,h,i)perylene	26.901	276	66577	1.212	ng		99

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

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