Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019310.D
Acq On : 02 Apr 2022 05:52
Operator : CG/JU
Sample : N2220-14 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A06015

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2022
Supervised By :Jagrut Upadhyay 04/04/2022

Quant Time: Apr 02 06:21:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	1328	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	3974	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	2684	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	5434	0.400	ng	0.00
29) Chrysene-d12	21.396	240	4393	0.400	ng	# 0.00
35) Perylene-d12	23.753	264	3107	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1154	0.397	ng	0.00
5) Phenol-d6	7.002	99	984	0.319	ng	0.00
8) Nitrobenzene-d5	9.004	82	720	0.252	ng	0.01
11) 2-Methylnaphthalene-d10	12.227	152	2587	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	377	0.300	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	3539	0.329	ng	-0.01
27) Fluoranthene-d10	19.240	212	6470	0.396	ng	0.00
31) Terphenyl-d14	19.839	244	3705	0.379	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	8373	0.727	ng	96
10) Hexachlorobutadiene	10.979	225	57	0.021	ng	# 97
12) 2-Methylnaphthalene	12.299	142	4823	0.649	ng	96
16) Acenaphthylene	14.185	152	15228	1.232	ng	99
17) Acenaphthene	14.527	154	10402	1.182	ng	98
18) Fluorene	15.511	166	13669	1.242	ng	# 99
25) Phenanthrene	17.246	178	302270	17.668	ng	100
26) Anthracene	17.338	178	52924	3.742	ng	99
28) Fluoranthene	19.270	202	522625	25.610	ng	100
30) Pyrene	19.632	202	442201	20.376	ng	# 95
32) Benzo(a)anthracene	21.387	228	187965	13.656	ng	97
33) Chrysene	21.431	228	184793	10.503	ng	97
34) Bis(2-ethylhexyl)phtha...	21.315	149	12384	1.346	ng	97
36) Indeno(1,2,3-cd)pyrene	26.182	276	71599	5.638	ng	# 89
37) Benzo(b)fluoranthene	23.039	252	201822	17.487	ng	98
38) Benzo(k)fluoranthene	23.080	252	72221m	5.800	ng	
39) Benzo(a)pyrene	23.647	252	119011m	11.349	ng	
40) Dibenzo(a,h)anthracene	26.194	278	15105	1.629	ng	# 89
41) Benzo(g,h,i)perylene	26.928	276	77311	5.969	ng	100

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

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