Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017647.D
Acq On : 01 Dec 2021 12:46
Operator : CG/JU
Sample : M4862-01DL 2X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 01 13:17:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CS-1BDL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.773	152	23267	0.400	ng		0.00
7) Naphthalene-d8	10.547	136	97575	0.400	ng		# 0.00
13) Acenaphthene-d10	14.384	164	62787	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	138296	0.400	ng		#-0.01
29) Chrysene-d12	21.303	240	132134	0.400	ng		#-0.01
35) Perylene-d12	23.609	264	83294	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.394	112	111	0.002	ng		0.03
5) Phenol-d6	6.952	99	150	0.003	ng		0.00
8) Nitrobenzene-d5	8.913	82	5869	0.142	ng		0.00
11) 2-Methylnaphthalene-d10	12.138	152	19831	0.116	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	50	0.126	ng		-0.01
15) 2-Fluorobiphenyl	13.014	172	26044	0.107	ng		0.00
27) Fluoranthene-d10	19.154	212	54598	0.126	ng		0.00
31) Terphenyl-d14	19.754	244	39408	0.136	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.598	128	98551	0.400	ng		100
12) 2-Methylnaphthalene	12.213	142	18280	0.113	ng		98
16) Acenaphthylene	14.105	152	47451	0.194	ng		99
17) Acenaphthene	14.448	154	43249	0.255	ng		98
18) Fluorene	15.425	166	79971	0.389	ng		99
25) Phenanthrene	17.165	178	1079144	2.845	ng		100
26) Anthracene	17.250	178	253792	0.779	ng	#	95
28) Fluoranthene	19.183	202	1569759	3.657	ng		97
30) Pyrene	19.546	202	1278319	2.997	ng	#	95
32) Benzo(a)anthracene	21.293	228	696098	1.734	ng		97
33) Chrysene	21.335	228	567288	1.299	ng		96
34) Bis(2-ethylhexyl)phtha...	21.229	149	111618	1.172	ng		96
36) Indeno(1,2,3-cd)pyrene	25.971	276	128319	0.474	ng	#	92
37) Benzo(b)fluoranthene	22.914	252	567778	2.056	ng		98
38) Benzo(k)fluoranthene	22.955	252	224239m	0.792	ng		
39) Benzo(a)pyrene	23.506	252	332841	1.346	ng		98
40) Dibenzo(a,h)anthracene	25.981	278	32103	0.145	ng	#	83
41) Benzo(g,h,i)perylene	26.696	276	109698	0.482	ng		95

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

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