Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017635.D
Acq On : 01 Dec 2021 05:35
Operator : CG/JU
Sample : M4862-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-7B

Manual Integrations APPROVED

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

Quant Time: Dec 01 06:05:10 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.773	152	25736	0.400	ng		0.00
7) Naphthalene-d8	10.547	136	107734	0.400	ng		# 0.00
13) Acenaphthene-d10	14.384	164	64729	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	133457	0.400	ng		#-0.01
29) Chrysene-d12	21.303	240	124397	0.400	ng		#-0.01
35) Perylene-d12	23.616	264	117187	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.394	112	16812	0.288	ng		0.03
5) Phenol-d6	6.952	99	17999	0.291	ng		0.00
8) Nitrobenzene-d5	8.912	82	13558	0.296	ng		0.00
11) 2-Methylnaphthalene-d10	12.137	152	50415	0.268	ng		0.00
14) 2,4,6-Tribromophenol	15.868	330	4508	0.236	ng		-0.01
15) 2-Fluorobiphenyl	13.014	172	64026	0.254	ng		0.00
27) Fluoranthene-d10	19.153	212	116443	0.279	ng		0.00
31) Terphenyl-d14	19.759	244	81723	0.300	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.598	128	38625	0.142	ng		100
12) 2-Methylnaphthalene	12.213	142	8178	0.046	ng		97
16) Acenaphthylene	14.105	152	40024	0.159	ng		99
17) Acenaphthene	14.447	154	11433	0.066	ng		97
18) Fluorene	15.437	166	25160m	0.119	ng		
25) Phenanthrene	17.165	178	648622	1.772	ng		100
26) Anthracene	17.250	178	127109	0.404	ng	#	91
28) Fluoranthene	19.183	202	1070578	2.585	ng		98
30) Pyrene	19.545	202	842054	2.097	ng		97
32) Benzo(a)anthracene	21.292	228	440589	1.166	ng		95
33) Chrysene	21.345	228	413427	1.006	ng		97
34) Bis(2-ethylhexyl)phtha...	21.239	149	29447	0.329	ng		98
36) Indeno(1,2,3-cd)pyrene	25.981	276	225491	0.593	ng	#	92
37) Benzo(b)fluoranthene	22.917	252	493337	1.270	ng		97
38) Benzo(k)fluoranthene	22.962	252	189567m	0.476	ng		
39) Benzo(a)pyrene	23.513	252	307613	0.884	ng		98
40) Dibenzo(a,h)anthracene	25.994	278	52215	0.168	ng	#	86
41) Benzo(g,h,i)perylene	26.706	276	218074	0.682	ng		96

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

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