Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018201.D
Acq On : 24 Dec 2021 04:37
Operator : CG/JU
Sample : M5107-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 24 23:34:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	27523	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	118162	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	77590	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	157182	0.400	ng	0.00
29) Chrysene-d12	21.196	240	97738	0.400	ng	# 0.00
35) Perylene-d12	23.437	264	116080	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	70	0.001	ng	0.04
5) Phenol-d6	6.822	99	1875	0.029	ng	0.00
8) Nitrobenzene-d5	8.759	82	22875m	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	11.994	152	47687	0.235	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	173	0.184	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	72834	0.251	ng	-0.01
27) Fluoranthene-d10	19.033	212	102676	0.206	ng	0.00
31) Terphenyl-d14	19.639	244	73987	0.344	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.445	128	13871	0.048	ng	96
12) 2-Methylnaphthalene	12.065	142	5186	0.027	ng	95
25) Phenanthrene	17.030	178	50825m	0.122	ng	
28) Fluoranthene	19.063	202	60620	0.124	ng	97
30) Pyrene	19.425	202	60673	0.193	ng	96
32) Benzo(a)anthracene	21.174	228	13251	0.047	ng	# 1
33) Chrysene	21.227	228	27452	0.089	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.132	149	637518	4.282	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.709	276	7879	0.023	ng	# 82
37) Benzo(b)fluoranthene	22.766	252	22188m	0.062	ng	
38) Benzo(k)fluoranthene	22.793	252	12702m	0.035	ng	
39) Benzo(a)pyrene	23.337	252	7975	0.025	ng	# 1
40) Dibenzo(a,h)anthracene	25.726	278	2328	0.038	ng	# 1
41) Benzo(g,h,i)perylene	26.397	276	11577	0.037	ng	# 1

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

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