Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017679.D
Acq On : 02 Dec 2021 10:03
Operator : CG/JU
Sample : M4895-08RE 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 02 10:35:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLAB-8RE

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	22276	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	102150	0.400	ng	# 0.01
13) Acenaphthene-d10	14.359	164	71358	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	138449	0.400	ng	# 0.00
29) Chrysene-d12	21.335	240	60399	0.400	ng	# 0.05
35) Perylene-d12	23.695	264	35883	0.400	ng	# 0.11
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	323	0.006	ng	0.00
5) Phenol-d6	6.915	99	1303	0.024	ng	0.00
8) Nitrobenzene-d5	8.875	82	2481	0.057	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	7236	0.041	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	85	0.127	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	10467	0.038	ng	0.00
27) Fluoranthene-d10	19.119	212	61758m	0.143	ng	-0.01
31) Terphenyl-d14	19.759	244	15155	0.114	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.560	128	71292	0.277	ng	100
12) 2-Methylnaphthalene	12.182	142	10641	0.063	ng	# 95
16) Acenaphthylene	14.080	152	9786	0.035	ng	# 78
18) Fluorene	15.412	166	7959	0.034	ng	# 69
25) Phenanthrene	17.141	178	311072	0.819	ng	# 90
26) Anthracene	17.238	178	16631	0.051	ng	# 70
28) Fluoranthene	19.179	202	284047	0.661	ng	# 92
30) Pyrene	19.546	202	323235m	1.658	ng	
32) Benzo(a)anthracene	21.324	228	116445m	0.635	ng	
33) Chrysene	21.367	228	634655m	3.180	ng	
34) Bis(2-ethylhexyl)phtha...	21.271	149	50525	1.161	ng	# 27
36) Indeno(1,2,3-cd)pyrene	26.039	276	11266	0.097	ng	# 53
37) Benzo(b)fluoranthene	22.993	252	64452m	0.542	ng	
38) Benzo(k)fluoranthene	22.996	252	38119m	0.312	ng	
39) Benzo(a)pyrene	23.592	252	25097m	0.236	ng	
40) Dibenzo(a,h)anthracene	26.039	278	11180	0.117	ng	# 1
41) Benzo(g,h,i)perylene	26.751	276	11456	0.117	ng	# 1

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

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