Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017660.D
Acq On : 01 Dec 2021 20:51
Operator : CG/JU
Sample : M4862-08DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-4ADL

Manual Integrations APPROVED

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

Quant Time: Dec 01 21:25:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 18:24:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	19446	0.400	ng	-0.04
7) Naphthalene-d8	10.522	136	83171	0.400	ng	#-0.03
13) Acenaphthene-d10	14.359	164	54950	0.400	ng	-0.03
19) Phenanthrene-d10	17.104	188	119226	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	122600	0.400	ng	#-0.01
35) Perylene-d12	23.585	264	137236	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	20	0.000	ng	-0.02
5) Phenol-d6	6.915	99	44	0.001	ng	-0.03
8) Nitrobenzene-d5	8.875	82	2105	0.060	ng	-0.04
11) 2-Methylnaphthalene-d10	12.111	152	7264	0.050	ng	-0.03
14) 2,4,6-Tribromophenol	15.843	330	20	0.126	ng	-0.03
15) 2-Fluorobiphenyl	12.989	172	9427	0.044	ng	-0.03
27) Fluoranthene-d10	19.134	212	20697	0.056	ng	-0.02
31) Terphenyl-d14	19.739	244	14000	0.052	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.560	128	12500	0.060	ng	97
12) 2-Methylnaphthalene	12.182	142	5896	0.043	ng	# 96
16) Acenaphthylene	14.080	152	24985	0.117	ng	99
17) Acenaphthene	14.422	154	15488	0.105	ng	99
18) Fluorene	15.412	166	27518m	0.153	ng	
25) Phenanthrene	17.141	178	585809	1.792	ng	100
26) Anthracene	17.226	178	110206	0.392	ng	# 93
28) Fluoranthene	19.164	202	1071929	2.897	ng	# 97
30) Pyrene	19.526	202	904197	2.285	ng	# 95
32) Benzo(a)anthracene	21.271	228	540253	1.451	ng	97
33) Chrysene	21.324	228	508502	1.255	ng	97
34) Bis(2-ethylhexyl)phtha...	21.218	149	223052	2.525	ng	97
36) Indeno(1,2,3-cd)pyrene	25.937	276	293448	0.659	ng	# 91
37) Benzo(b)fluoranthene	22.894	252	712946	1.567	ng	96
38) Benzo(k)fluoranthene	22.935	252	242485m	0.520	ng	
39) Benzo(a)pyrene	23.482	252	461941	1.134	ng	98
40) Dibenzo(a,h)anthracene	25.947	278	71930	0.198	ng	# 84
41) Benzo(g,h,i)perylene	26.659	276	276683	0.739	ng	94

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

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