Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017641.D
Acq On : 01 Dec 2021 09:10
Operator : CG/JU
Sample : M4862-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CS-6A

Manual Integrations APPROVED

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

Quant Time: Dec 01 09:52:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	25375	0.400	ng		0.00
7) Naphthalene-d8	10.547	136	108652	0.400	ng		# 0.00
13) Acenaphthene-d10	14.384	164	66976	0.400	ng		0.00
19) Phenanthrene-d10	17.116	188	134320	0.400	ng		#-0.01
29) Chrysene-d12	21.303	240	111333	0.400	ng		#-0.01
35) Perylene-d12	23.619	264	108179	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.394	112	18267	0.317	ng		0.03
5) Phenol-d6	6.952	99	21859	0.359	ng		0.00
8) Nitrobenzene-d5	8.913	82	18120	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	12.138	152	59949	0.316	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	4429	0.230	ng		-0.01
15) 2-Fluorobiphenyl	13.014	172	77171	0.296	ng		0.00
27) Fluoranthene-d10	19.154	212	128084	0.305	ng		0.00
31) Terphenyl-d14	19.754	244	93512	0.383	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.598	128	30832	0.113	ng		100
12) 2-Methylnaphthalene	12.209	142	10766	0.060	ng		97
16) Acenaphthylene	14.105	152	41869	0.160	ng		98
17) Acenaphthene	14.448	154	42367	0.235	ng		98
18) Fluorene	15.425	166	59550	0.271	ng	#	95
24) Pentachlorophenol	16.788	266	323	0.199	ng	#	81
25) Phenanthrene	17.165	178	1253187	3.402	ng		100
26) Anthracene	17.250	178	247281	0.781	ng	#	94
28) Fluoranthene	19.183	202	2281302	5.472	ng		97
30) Pyrene	19.546	202	1915930	5.331	ng	#	94
32) Benzo(a)anthracene	21.293	228	1082482	3.201	ng		97
33) Chrysene	21.346	228	964955	2.623	ng		97
34) Bis(2-ethylhexyl)phtha...	21.239	149	397068	4.950	ng		98
36) Indeno(1,2,3-cd)pyrene	25.985	276	464514	1.322	ng	#	92
37) Benzo(b)fluoranthene	22.921	252	1262632	3.520	ng	#	94
38) Benzo(k)fluoranthene	22.962	252	461851m	1.256	ng		
39) Benzo(a)pyrene	23.517	252	824265	2.567	ng	#	96
40) Dibenzo(a,h)anthracene	25.998	278	114485	0.399	ng	#	77
41) Benzo(g,h,i)perylene	26.710	276	417899	1.415	ng		96

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

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