Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
Data File : BN018480.D
Acq On : 26 Jan 2022 17:50
Operator : CG/JU
Sample : N1245-10DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-5(3.5-4)DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :Jagrut Upadhyay 01/28/2022

Quant Time: Jan 27 05:35:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.947	152	34528	0.400	ng		-0.02
7) Naphthalene-d8	10.749	136	151259	0.400	ng		#-0.01
13) Acenaphthene-d10	14.561	164	86992	0.400	ng		-0.01
19) Phenanthrene-d10	17.298	188	170015	0.400	ng		#-0.01
29) Chrysene-d12	21.472	240	156341	0.400	ng		#-0.02
35) Perylene-d12	23.882	264	149550	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.513	112	4289	0.050	ng		0.00
5) Phenol-d6	7.098	99	4251	0.046	ng		0.00
8) Nitrobenzene-d5	9.101	82	4574m	0.052	ng		-0.01
11) 2-Methylnaphthalene-d10	12.336	152	10867	0.043	ng		-0.01
14) 2,4,6-Tribromophenol	16.044	330	1395	0.053	ng		-0.01
15) 2-Fluorobiphenyl	13.203	172	15187	0.049	ng		-0.01
27) Fluoranthene-d10	19.331	212	20443	0.040	ng		0.00
31) Terphenyl-d14	19.922	244	17004	0.035	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.800	128	51075	0.139	ng		99
12) 2-Methylnaphthalene	12.407	142	11076	0.043	ng		99
16) Acenaphthylene	14.282	152	54742	0.170	ng		99
17) Acenaphthene	14.624	154	12056	0.052	ng		97
18) Fluorene	15.614	166	21555	0.078	ng	#	94
25) Phenanthrene	17.346	178	349265	0.774	ng		99
26) Anthracene	17.431	178	141890	0.372	ng		99
28) Fluoranthene	19.361	202	1240276	2.515	ng	#	97
30) Pyrene	19.718	202	1081396	1.621	ng	#	94
32) Benzo(a)anthracene	21.461	228	1090317	2.202	ng		96
33) Chrysene	21.514	228	859395	1.755	ng		97
36) Indeno(1,2,3-cd)pyrene	26.377	276	377568	1.420	ng		97
37) Benzo(b)fluoranthene	23.153	252	1127203	2.092	ng	#	97
38) Benzo(k)fluoranthene	23.194	252	435003m	0.918	ng		
39) Benzo(a)pyrene	23.776	252	840086	2.131	ng	#	97
40) Dibenzo(a,h)anthracene	26.387	278	111270	0.611	ng	#	89
41) Benzo(g,h,i)perylene	27.144	276	298056	1.102	ng	#	94

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

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