Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100722\
Data File : BN022032.D
Acq On : 07 Oct 2022 10:30
Operator : CG/JU
Sample : N4785-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 10 03:15:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WP

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	5911	0.400	ng		0.00
7) Naphthalene-d8	10.805	136	17352	0.400	ng		-0.01
13) Acenaphthene-d10	14.643	164	8064	0.400	ng		-0.01
19) Phenanthrene-d10	17.400	188	14038	0.400	ng		#-0.01
29) Chrysene-d12	21.600	240	8197	0.400	ng		# 0.00
35) Perylene-d12	24.078	264	5834	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.544	112	6534	0.477	ng		0.03
5) Phenol-d6	7.155	99	8287	0.466	ng		0.00
8) Nitrobenzene-d5	9.172	82	3704m	0.266	ng		0.01
11) 2-Methylnaphthalene-d10	12.402	152	8442	0.265	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	1096	0.356	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	10043	0.285	ng		-0.01
27) Fluoranthene-d10	19.437	212	11724	0.314	ng		0.00
31) Terphenyl-d14	20.033	244	5627	0.341	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.859	128	284284	5.425	ng		99
16) Acenaphthylene	14.365	152	364661	9.504	ng		100
17) Acenaphthene	14.707	154	62390	2.313	ng		99
18) Fluorene	15.690	166	141867	4.362	ng		98
25) Phenanthrene	17.437	178	122101	2.530	ng		100
26) Anthracene	17.536	178	54085	1.396	ng		100
28) Fluoranthene	19.466	202	109305	2.114	ng		100
30) Pyrene	19.829	202	58595	1.628	ng		100
32) Benzo(a)anthracene	21.582	228	25505	0.827	ng		99
33) Chrysene	21.636	228	39716	1.161	ng		99
36) Indeno(1,2,3-cd)pyrene	26.677	276	92947	3.153	ng		99
37) Benzo(b)fluoranthene	23.315	252	65949	2.385	ng	#	92
38) Benzo(k)fluoranthene	23.365	252	68611m	2.492	ng		
39) Benzo(a)pyrene	23.967	252	78116	3.703	ng	#	84
40) Dibenzo(a,h)anthracene	26.701	278	81456	3.465	ng		95
41) Benzo(g,h,i)perylene	27.479	276	82345	3.245	ng		98

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

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