Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025335.D
Acq On : 08 May 2023 16:33
Operator : CG/JU
Sample : 02588-11
Misc :
ALS Vial : 8 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
ZONE-D-3-6-05022023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 04:02:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 18:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	323197	20.000	ng		0.00
7) Naphthalene-d8	10.707	136	1004908	20.000	ng		-0.01
13) Acenaphthene-d10	14.544	164	592638	20.000	ng		0.00
19) Phenanthrene-d10	17.298	188	1302828	20.000	ng		0.00
29) Chrysene-d12	21.495	240	1178011	20.000	ng		0.00
35) Perylene-d12	23.935	264	1145465	20.000	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.456	112	753456	47.888	ng		0.00
5) Phenol-d6	7.066	99	1083083	54.861	ng		0.00
8) Nitrobenzene-d5	9.063	82	549329	33.230	ng		-0.02
11) 2-Methylnaphthalene-d10	12.290	152	3	0.000	ng		-0.02
14) 2,4,6-Tribromophenol	16.045	330	325634	53.741	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	1170693	28.801	ng		0.00
27) Fluoranthene-d10	19.368	212	34	0.001	ng		0.03
31) Terphenyl-d14	19.924	244	1423582	29.967	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.761	128	9770	0.189	ng		98
12) 2-Methylnaphthalene	12.381	142	4936	0.135	ng		97
16) Acenaphthylene	14.266	152	16991	0.320	ng		99
17) Acenaphthene	14.609	154	8781	0.266	ng		99
18) Fluorene	15.603	166	14585	0.322	ng	#	99
25) Phenanthrene	17.336	178	252745	3.506	ng		100
26) Anthracene	17.435	178	60393	0.894	ng		97
28) Fluoranthene	19.363	202	513340	5.699	ng		99
30) Pyrene	19.726	202	458915	5.698	ng	#	96
32) Benzo(a)anthracene	21.477	228	261253	3.281	ng		98
33) Chrysene	21.531	228	240646	3.036	ng		98
34) Bis(2-ethylhexyl)phtha...	21.396	149	56571	0.905	ng		98
36) Indeno(1,2,3-cd)pyrene	26.472	276	119134	1.297	ng		96
37) Benzo(b)fluoranthene	23.195	252	305678	4.209	ng		96
38) Benzo(k)fluoranthene	23.236	252	99166m	1.304	ng		
39) Benzo(a)pyrene	23.829	252	203523	2.736	ng		95
40) Dibenzo(a,h)anthracene	26.487	278	29967	0.413	ng	#	77
41) Benzo(g,h,i)perylene	27.256	276	114710	1.440	ng		99

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

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