Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025302.D
Acq On : 06 May 2023 05:49
Operator : CG/JU
Sample : 02588-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ZONE-B-3-6-05012023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 03:20:35 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 02:37:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	6181	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	21982	0.400	ng		#-0.01
13) Acenaphthene-d10	14.555	164	13650	0.400	ng		0.00
19) Phenanthrene-d10	17.299	188	30857	0.400	ng		#-0.01
29) Chrysene-d12	21.491	240	27746	0.400	ng		#-0.02
35) Perylene-d12	23.916	264	25690	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	4619	0.307	ng		0.00
5) Phenol-d6	7.088	99	6114	0.324	ng		0.00
8) Nitrobenzene-d5	9.084	82	4162	0.230	ng		-0.01
11) 2-Methylnaphthalene-d10	12.309	152	8217	0.273	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	2032	0.291	ng		-0.02
15) 2-Fluorobiphenyl	13.176	172	12147	0.259	ng		-0.01
27) Fluoranthene-d10	19.334	212	18511	0.243	ng		0.00
31) Terphenyl-d14	19.928	244	13123	0.235	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.771	128	22506	0.399	ng		100
12) 2-Methylnaphthalene	12.385	142	8661	0.217	ng		99
16) Acenaphthylene	14.277	152	14338	0.235	ng		98
17) Acenaphthene	14.619	154	4712	0.124	ng		95
18) Fluorene	15.603	166	8563	0.164	ng	#	92
25) Phenanthrene	17.336	178	127808	1.497	ng		99
26) Anthracene	17.435	178	31194	0.390	ng		100
28) Fluoranthene	19.363	202	365610	3.427	ng		99
30) Pyrene	19.726	202	332469	3.505	ng	#	96
32) Benzo(a)anthracene	21.473	228	179198	1.911	ng		98
33) Chrysene	21.527	228	211755	2.268	ng		98
34) Bis(2-ethylhexyl)phtha...	21.383	149	35495	0.482	ng	#	92
36) Indeno(1,2,3-cd)pyrene	26.424	276	98358	0.955	ng		95
37) Benzo(b)fluoranthene	23.176	252	253779	3.116	ng		96
38) Benzo(k)fluoranthene	23.217	252	81367m	0.954	ng		
39) Benzo(a)pyrene	23.805	252	159487	1.912	ng		94
40) Dibenzo(a,h)anthracene	26.436	278	24372	0.300	ng	#	82
41) Benzo(g,h,i)perylene	27.205	276	96729	1.083	ng		100

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

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