Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025592.D
Acq On : 25 May 2023 18:47
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Quant Time: May 26 00:25:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:23:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	5720	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	15847	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	8486	0.400	ng		0.00
19) Phenanthrene-d10	17.423	188	16739	0.400	ng		0.00
29) Chrysene-d12	21.598	240	9490	0.400	ng		0.00
35) Perylene-d12	24.109	264	8974	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.586	112	6191	0.413	ng		0.00
5) Phenol-d6	7.196	99	6577	0.402	ng		0.00
8) Nitrobenzene-d5	9.212	82	4538	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	12.449	152	8744	0.403	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	162	0.435	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	14406	0.407	ng		0.00
27) Fluoranthene-d10	19.443	212	14104	0.386	ng		0.00
31) Terphenyl-d14	20.031	244	8003	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	2895	0.421	ng		100
3) n-Nitrosodimethylamine	3.773	42	2637	0.390	ng		100
6) bis(2-Chloroethyl)ether	7.463	93	7814	0.439	ng		100
9) Naphthalene	10.921	128	17495	0.404	ng		100
10) Hexachlorobutadiene	11.209	225	3126	0.404	ng	#	100
12) 2-Methylnaphthalene	12.525	142	11430	0.399	ng		100
16) Acenaphthylene	14.405	152	15743	0.396	ng		100
17) Acenaphthene	14.737	154	10760	0.411	ng		100
18) Fluorene	15.722	166	13015	0.406	ng		100
20) 4,6-Dinitro-2-methylph...	15.834	198	309	0.471	ng		100
21) 4-Bromophenyl-phenylether	16.616	248	3862	0.405	ng		100
22) Hexachlorobenzene	16.727	284	3626	0.396	ng		100
23) Atrazine	16.876	200	2626	0.387	ng		100
24) Pentachlorophenol	17.212	266	15	0.521	ng	#	1
25) Phenanthrene	17.460	178	20579	0.401	ng		100
26) Anthracene	17.559	178	18068	0.399	ng		100
28) Fluoranthene	19.477	202	20321	0.382	ng		100
30) Pyrene	19.835	202	20645	0.440	ng		100
32) Benzo(a)anthracene	21.580	228	14485	0.409	ng		100
33) Chrysene	21.643	228	15616	0.408	ng		100
34) Bis(2-ethylhexyl)phtha...	21.500	149	8732	0.379	ng		100
36) Indeno(1,2,3-cd)pyrene	26.737	276	15848	0.414	ng		100
37) Benzo(b)fluoranthene	23.340	252	13764	0.404	ng		100
38) Benzo(k)fluoranthene	23.392	252	14580m	0.420	ng		
39) Benzo(a)pyrene	23.998	252	13295	0.407	ng		100
40) Dibenzo(a,h)anthracene	26.758	278	12677	0.421	ng		100
41) Benzo(g,h,i)perylene	27.541	276	14190	0.418	ng		100

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

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