Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025621.D
Acq On : 26 May 2023 23:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 27 04:17:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.027	152	5609	0.400	ng		0.00
7) Naphthalene-d8	10.846	136	15955	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	9271	0.400	ng		0.01
19) Phenanthrene-d10	17.406	188	18717	0.400	ng	#	0.01
29) Chrysene-d12	21.578	240	9964	0.400	ng	#	0.00
35) Perylene-d12	24.051	264	8540	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.564	112	5875	0.409	ng		0.00
5) Phenol-d6	7.174	99	6933	0.402	ng		0.00
8) Nitrobenzene-d5	9.191	82	5083	0.381	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	9094	0.400	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	623	0.332	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	15155	0.396	ng		0.00
27) Fluoranthene-d10	19.426	212	15587	0.368	ng		0.00
31) Terphenyl-d14	20.016	244	9720	0.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2692	0.414	ng		99
3) n-Nitrosodimethylamine	3.744	42	2335	0.334	ng	#	84
6) bis(2-Chloroethyl)ether	7.442	93	7070	0.399	ng		99
9) Naphthalene	10.889	128	17440	0.400	ng		99
10) Hexachlorobutadiene	11.177	225	3084	0.407	ng	#	97
12) 2-Methylnaphthalene	12.498	142	12017	0.400	ng		99
16) Acenaphthylene	14.384	152	17131	0.391	ng		99
17) Acenaphthene	14.715	154	11494	0.399	ng		100
18) Fluorene	15.705	166	14982	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	596	0.349	ng	#	83
21) 4-Bromophenyl-phenylether	16.586	248	4294	0.404	ng		98
22) Hexachlorobenzene	16.711	284	4035	0.415	ng		98
23) Atrazine	16.847	200	3225	0.380	ng		99
24) Pentachlorophenol	17.108	266	157m	0.495	ng		
25) Phenanthrene	17.443	178	22857	0.401	ng		99
26) Anthracene	17.530	178	20077	0.390	ng		100
28) Fluoranthene	19.458	202	22690	0.365	ng		100
30) Pyrene	19.816	202	22570	0.465	ng		99
32) Benzo(a)anthracene	21.560	228	14707	0.396	ng		98
33) Chrysene	21.614	228	16699	0.415	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	8549	0.378	ng		97
36) Indeno(1,2,3-cd)pyrene	26.639	276	14597	0.446	ng	#	64
37) Benzo(b)fluoranthene	23.291	252	13322	0.410	ng		99
38) Benzo(k)fluoranthene	23.341	252	13239	0.391	ng		99
39) Benzo(a)pyrene	23.943	252	12909	0.416	ng	#	96
40) Dibenzo(a,h)anthracene	26.659	278	11684m	0.451	ng		
41) Benzo(g,h,i)perylene	27.437	276	13436	0.454	ng		99

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

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