Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021740.D
Acq On : 14 Sep 2022 10:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 02:07:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	5074	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	15707	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	9359	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	20676	0.400	ng		0.00
29) Chrysene-d12	21.656	240	15829	0.400	ng		0.00
35) Perylene-d12	24.165	264	12466	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	4787	0.361	ng		0.00
5) Phenol-d6	7.209	99	5874	0.349	ng		0.00
8) Nitrobenzene-d5	9.232	82	4651	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.471	152	14336	0.362	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	1379	0.322	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	14899	0.390	ng		0.00
27) Fluoranthene-d10	19.490	212	20426	0.367	ng		0.00
31) Terphenyl-d14	20.080	244	14122	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2530	0.386	ng		96
3) n-Nitrosodimethylamine	3.735	42	2576	0.387	ng		91
6) bis(2-Chloroethyl)ether	7.469	93	6330	0.379	ng		99
9) Naphthalene	10.930	128	17630	0.380	ng		99
10) Hexachlorobutadiene	11.218	225	3023	0.390	ng	#	99
12) 2-Methylnaphthalene	12.172	142	3069	0.308	ng		100
16) Acenaphthylene	14.429	152	15651	0.350	ng		100
17) Acenaphthene	14.771	154	11587	0.379	ng		100
18) Fluorene	15.758	166	15312	0.377	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	4726	0.371	ng		94
22) Hexachlorobenzene	16.763	284	5572	0.389	ng		100
23) Atrazine	16.913	200	3472	0.330	ng		99
24) Pentachlorophenol	17.109	266	2176	0.405	ng		99
25) Phenanthrene	17.502	178	26423	0.381	ng		100
26) Anthracene	17.594	178	20745	0.353	ng		99
28) Fluoranthene	19.519	202	27941	0.374	ng		100
30) Pyrene	19.886	202	30658	0.390	ng		98
32) Benzo(a)anthracene	21.638	228	22196	0.366	ng		100
33) Chrysene	21.692	228	25021	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.548	149	11626	0.287	ng		99
36) Indeno(1,2,3-cd)pyrene	26.805	276	23528	0.397	ng		100
37) Benzo(b)fluoranthene	23.388	252	22340	0.395	ng		100
38) Benzo(k)fluoranthene	23.440	252	22133m	0.400	ng		
39) Benzo(a)pyrene	24.051	252	16655	0.369	ng		100
40) Dibenzo(a,h)anthracene	26.826	278	18523	0.395	ng		100
41) Benzo(g,h,i)perylene	27.618	276	19774	0.410	ng		100

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

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