Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
Data File : BN024286.D
Acq On : 14 Mar 2023 18:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 01:56:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 15 01:49:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	7468	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	20984	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	10064	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	20295	0.400	ng		0.00
29) Chrysene-d12	21.610	240	15197	0.400	ng	#	0.00
35) Perylene-d12	24.123	264	12370	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	6316	0.382	ng		0.00
5) Phenol-d6	7.195	99	7903	0.372	ng		0.00
8) Nitrobenzene-d5	9.211	82	5618	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	9287	0.360	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1529	0.297	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	14856	0.391	ng		0.00
27) Fluoranthene-d10	19.450	212	15262	0.355	ng		0.00
31) Terphenyl-d14	20.042	244	9496	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	3243	0.399	ng		94
3) n-Nitrosodimethylamine	3.764	42	5223	0.438	ng	#	93
6) bis(2-Chloroethyl)ether	7.462	93	8464	0.402	ng		98
9) Naphthalene	10.909	128	20733	0.389	ng		99
10) Hexachlorobutadiene	11.197	225	3983	0.394	ng	#	99
12) 2-Methylnaphthalene	12.516	142	12955	0.360	ng		100
16) Acenaphthylene	14.397	152	17237	0.361	ng		100
17) Acenaphthene	14.739	154	11230	0.370	ng		97
18) Fluorene	15.712	166	12994	0.358	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	637	0.346	ng	#	50
21) 4-Bromophenyl-phenylether	16.606	248	4082	0.338	ng	#	73
22) Hexachlorobenzene	16.730	284	5520	0.373	ng		98
23) Atrazine	16.867	200	2441	0.319	ng	#	88
24) Pentachlorophenol	17.065	266	1915	0.341	ng		97
25) Phenanthrene	17.462	178	22465	0.374	ng		100
26) Anthracene	17.549	178	19055	0.343	ng		100
28) Fluoranthene	19.480	202	23466	0.357	ng		99
30) Pyrene	19.842	202	23909	0.388	ng		100
32) Benzo(a)anthracene	21.592	228	17683	0.348	ng		100
33) Chrysene	21.655	228	20915	0.386	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	8282	0.347	ng		98
36) Indeno(1,2,3-cd)pyrene	26.757	276	16533	0.357	ng		99
37) Benzo(b)fluoranthene	23.354	252	17345	0.361	ng		95
38) Benzo(k)fluoranthene	23.404	252	18366m	0.370	ng		
39) Benzo(a)pyrene	24.012	252	15623	0.354	ng		95
40) Dibenzo(a,h)anthracene	26.778	278	12338	0.344	ng		96
41) Benzo(g,h,i)perylene	27.573	276	16228	0.387	ng		97

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

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