Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
Data File : BN024260.D
Acq On : 14 Mar 2023 01:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 14 03:34:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 03:11:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	8464	0.400	ng		0.00
7) Naphthalene-d8	10.866	136	24021	0.400	ng		0.00
13) Acenaphthene-d10	14.675	164	12177	0.400	ng		0.00
19) Phenanthrene-d10	17.425	188	24760	0.400	ng		0.00
29) Chrysene-d12	21.610	240	19847	0.400	ng		0.00
35) Perylene-d12	24.109	264	17418	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	7362	0.393	ng		0.00
5) Phenol-d6	7.195	99	9267	0.385	ng		0.00
8) Nitrobenzene-d5	9.211	82	6358	0.396	ng		0.00
11) 2-Methylnaphthalene-d10	12.444	152	11280	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	2107	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	18417	0.400	ng		0.00
27) Fluoranthene-d10	19.450	212	20292	0.387	ng		0.00
31) Terphenyl-d14	20.043	244	12056	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	3794	0.412	ng		99
3) n-Nitrosodimethylamine	3.764	42	5557	0.412	ng	#	99
6) bis(2-Chloroethyl)ether	7.462	93	9638	0.403	ng		99
9) Naphthalene	10.909	128	24212	0.397	ng		99
10) Hexachlorobutadiene	11.208	225	4597	0.397	ng	#	100
12) 2-Methylnaphthalene	12.516	142	15685	0.380	ng		99
16) Acenaphthylene	14.397	152	21697	0.376	ng		100
17) Acenaphthene	14.740	154	14203	0.386	ng		99
18) Fluorene	15.725	166	16504	0.376	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	947	0.383	ng		94
21) 4-Bromophenyl-phenylether	16.606	248	5477	0.372	ng	#	69
22) Hexachlorobenzene	16.730	284	7042	0.390	ng		99
23) Atrazine	16.879	200	3233	0.346	ng		98
24) Pentachlorophenol	17.065	266	2741	0.378	ng		98
25) Phenanthrene	17.463	178	28838	0.393	ng		100
26) Anthracene	17.549	178	25159	0.372	ng		100
28) Fluoranthene	19.480	202	30941	0.385	ng		100
30) Pyrene	19.842	202	31454	0.391	ng		100
32) Benzo(a)anthracene	21.592	228	24901	0.376	ng		99
33) Chrysene	21.646	228	28413	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	11163	0.358	ng		99
36) Indeno(1,2,3-cd)pyrene	26.716	276	26430	0.405	ng		99
37) Benzo(b)fluoranthene	23.345	252	24981	0.369	ng		99
38) Benzo(k)fluoranthene	23.392	252	26115	0.374	ng		99
39) Benzo(a)pyrene	23.997	252	23498	0.378	ng		97
40) Dibenzo(a,h)anthracene	26.737	278	19953	0.395	ng		99
41) Benzo(g,h,i)perylene	27.518	276	23869	0.405	ng		99

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

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