Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072721\
Data File : BN015700.D
Acq On : 27 Jul 2021 12:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 27 14:26:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 27 13:51:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	13973	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	62284	0.400	ng		0.00
13) Acenaphthene-d10	14.320	164	33775	0.400	ng		0.00
19) Phenanthrene-d10	17.078	188	66147	0.400	ng		0.00
29) Chrysene-d12	21.281	240	62343	0.400	ng		0.00
35) Perylene-d12	23.570	264	57250	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	13107	0.355	ng		0.00
5) Phenol-d6	6.868	99	15511	0.349	ng		0.00
8) Nitrobenzene-d5	8.835	82	15552	0.333	ng		0.00
11) 2-Methylnaphthalene-d10	12.065	152	37105	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	4371	0.299	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	51925	0.389	ng		0.00
27) Fluoranthene-d10	19.113	212	66777	0.368	ng		0.00
31) Terphenyl-d14	19.723	244	56156	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	1462	0.344	ng	#	83
3) n-Nitrosodimethylamine	3.585	42	3934	0.369	ng	#	94
6) bis(2-Chloroethyl)ether	7.126	93	15961	0.401	ng		99
9) Naphthalene	10.521	128	64927	0.392	ng		99
10) Hexachlorobutadiene	10.812	225	12132	0.391	ng	#	100
12) 2-Methylnaphthalene	12.141	142	43111	0.396	ng		100
16) Acenaphthylene	14.040	152	51873	0.355	ng		100
17) Acenaphthene	14.383	154	38067	0.390	ng		99
18) Fluorene	15.373	166	46744	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	1885	0.629	ng	#	87
21) 4-Bromophenyl-phenylether	16.275	248	14309	0.374	ng		98
22) Hexachlorobenzene	16.385	284	16595	0.394	ng		99
23) Atrazine	16.543	200	8683	0.299	ng		99
24) Pentachlorophenol	16.726	266	3795	0.254	ng		99
25) Phenanthrene	17.115	178	77646	0.398	ng		100
26) Anthracene	17.200	178	60845	0.355	ng		100
28) Fluoranthene	19.142	202	84995	0.391	ng		100
30) Pyrene	19.505	202	83180	0.383	ng		100
32) Benzo(a)anthracene	21.259	228	72843	0.345	ng		99
33) Chrysene	21.312	228	83666	0.398	ng		98
34) Bis(2-ethylhexyl)phtha...	21.206	149	22603	0.339	ng		99
36) Indeno(1,2,3-cd)pyrene	25.908	276	79136	0.362	ng		99
37) Benzo(b)fluoranthene	22.879	252	76535	0.384	ng		100
38) Benzo(k)fluoranthene	22.923	252	86153	0.423	ng		99
39) Benzo(a)pyrene	23.471	252	66260	0.370	ng		100
40) Dibenzo(a,h)anthracene	25.922	278	63698	0.356	ng		100
41) Benzo(g,h,i)perylene	26.620	276	64414	0.352	ng		100

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

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