Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072521\
Data File : BN015693.D
Acq On : 24 Jul 2021 18:49
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jul 26 01:35:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 01:23:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	13006	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	58077	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	32389	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	62267	0.400	ng	0.00
29) Chrysene-d12	21.270	240	61262	0.400	ng	#-0.01
35) Perylene-d12	23.560	264	59786	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	27827	0.889	ng	0.00
5) Phenol-d6	6.868	99	33919	0.924	ng	0.00
8) Nitrobenzene-d5	8.835	82	33085	0.813	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	71901	0.831	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	10782	1.070	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	98418	0.745	ng	0.00
27) Fluoranthene-d10	19.112	212	138117	0.831	ng	0.00
31) Terphenyl-d14	19.718	244	113830	0.781	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	3579	0.922	ng	# 95
3) n-Nitrosodimethylamine	3.585	42	7977	0.832	ng	97
6) bis(2-Chloroethyl)ether	7.126	93	30419	0.825	ng	100
9) Naphthalene	10.521	128	124235	0.806	ng	100
10) Hexachlorobutadiene	10.812	225	23267	0.794	ng	# 100
12) 2-Methylnaphthalene	12.140	142	83081	0.836	ng	99
16) Acenaphthylene	14.040	152	114314	0.845	ng	100
17) Acenaphthene	14.383	154	74371	0.791	ng	99
18) Fluorene	15.372	166	92804	0.827	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	2294	0.543	ng	# 84
21) 4-Bromophenyl-phenylether	16.275	248	28939	0.799	ng	98
22) Hexachlorobenzene	16.385	284	31951	0.775	ng	100
23) Atrazine	16.543	200	21371	0.990	ng	99
24) Pentachlorophenol	16.725	266	9700	1.039	ng	100
25) Phenanthrene	17.115	178	148272	0.789	ng	100
26) Anthracene	17.200	178	132289	0.847	ng	100
28) Fluoranthene	19.142	202	170309	0.840	ng	100
30) Pyrene	19.505	202	173688	0.789	ng	100
32) Benzo(a)anthracene	21.259	228	166886	0.869	ng	100
33) Chrysene	21.312	228	170067	0.800	ng	99
34) Bis(2-ethylhexyl)phtha...	21.206	149	81257	1.011	ng	100
36) Indeno(1,2,3-cd)pyrene	25.894	276	186292	0.860	ng	99
37) Benzo(b)fluoranthene	22.872	252	169306	0.753	ng	100
38) Benzo(k)fluoranthene	22.916	252	176212	0.783	ng	99
39) Benzo(a)pyrene	23.457	252	151951	0.834	ng	99
40) Dibenzo(a,h)anthracene	25.911	278	152839	0.897	ng	99
41) Benzo(g,h,i)perylene	26.609	276	154528	0.779	ng	99

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

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