Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015768.D
Acq On : 03 Aug 2021 14:50
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 03 16:17:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	37382	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	166014	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	86212	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	159310	0.400	ng	0.00
29) Chrysene-d12	21.365	240	144109	0.400	ng	0.00
35) Perylene-d12	23.710	264	134831	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	35238	0.386	ng	0.00
5) Phenol-d6	6.951	99	42308	0.383	ng	0.00
8) Nitrobenzene-d5	8.924	82	38322	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	99387	0.399	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	10292	0.329	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	132792	0.386	ng	0.00
27) Fluoranthene-d10	19.207	212	156169	0.377	ng	0.00
31) Terphenyl-d14	19.812	244	137424	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	4011	0.331	ng	# 85
3) n-Nitrosodimethylamine	3.714	42	8942	0.359	ng	# 100
6) bis(2-Chloroethyl)ether	7.218	93	41312	0.412	ng	100
9) Naphthalene	10.622	128	172886	0.398	ng	100
10) Hexachlorobutadiene	10.913	225	29867	0.393	ng	# 99
12) 2-Methylnaphthalene	12.234	142	112518	0.402	ng	100
16) Acenaphthylene	14.129	152	128757	0.362	ng	100
17) Acenaphthene	14.472	154	95170	0.384	ng	99
18) Fluorene	15.461	166	114833	0.387	ng	100
20) 4,6-Dinitro-2-methylph...	15.537	198	2909	0.375	ng	98
21) 4-Bromophenyl-phenylether	16.360	248	34997	0.374	ng	98
22) Hexachlorobenzene	16.470	284	41749	0.388	ng	100
23) Atrazine	16.628	200	24426	0.424	ng	98
24) Pentachlorophenol	16.811	266	13368	0.402	ng	99
25) Phenanthrene	17.200	178	182931	0.386	ng	100
26) Anthracene	17.297	178	145695	0.366	ng	100
28) Fluoranthene	19.236	202	191694	0.389	ng	100
30) Pyrene	19.599	202	186496	0.388	ng	100
32) Benzo(a)anthracene	21.355	228	161855	0.367	ng	99
33) Chrysene	21.408	228	188327	0.395	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	47909	0.422	ng	100
36) Indeno(1,2,3-cd)pyrene	26.110	276	176973	0.370	ng	99
37) Benzo(b)fluoranthene	23.002	252	181643	0.388	ng	100
38) Benzo(k)fluoranthene	23.050	252	189641	0.391	ng	99
39) Benzo(a)pyrene	23.608	252	144370	0.371	ng	100
40) Dibenzo(a,h)anthracene	26.130	278	147082	0.368	ng	98
41) Benzo(g,h,i)perylene	26.842	276	155188	0.372	ng	100

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

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