Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015783.D
Acq On : 03 Aug 2021 23:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 04 02:11:16 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	39746	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	176860	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	92076	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	170811	0.400	ng		0.00
29) Chrysene-d12	21.365	240	155842	0.400	ng		0.00
35) Perylene-d12	23.707	264	152994	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	39020	0.401	ng		0.00
5) Phenol-d6	6.951	99	46958	0.400	ng		0.00
8) Nitrobenzene-d5	8.924	82	41419	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	105905	0.399	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	11404	0.342	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	142337	0.388	ng		0.00
27) Fluoranthene-d10	19.202	212	169045	0.380	ng		0.00
31) Terphenyl-d14	19.812	244	148218	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	4399	0.342	ng		100
3) n-Nitrosodimethylamine	3.714	42	9813	0.371	ng	#	99
6) bis(2-Chloroethyl)ether	7.218	93	44265	0.415	ng		99
9) Naphthalene	10.609	128	184878	0.399	ng		99
10) Hexachlorobutadiene	10.913	225	31712	0.392	ng	#	99
12) 2-Methylnaphthalene	12.234	142	119807	0.401	ng		100
16) Acenaphthylene	14.129	152	139161	0.367	ng		100
17) Acenaphthene	14.472	154	102747	0.388	ng		99
18) Fluorene	15.461	166	124150	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.537	198	2233	0.292	ng		100
21) 4-Bromophenyl-phenylether	16.360	248	37488	0.373	ng		93
22) Hexachlorobenzene	16.470	284	44537	0.386	ng		100
23) Atrazine	16.628	200	27530	0.446	ng		98
24) Pentachlorophenol	16.811	266	15046	0.422	ng		99
25) Phenanthrene	17.200	178	194639	0.383	ng		100
26) Anthracene	17.297	178	158809	0.372	ng		100
28) Fluoranthene	19.232	202	207420	0.392	ng		100
30) Pyrene	19.599	202	202599	0.389	ng		100
32) Benzo(a)anthracene	21.355	228	180417	0.379	ng		99
33) Chrysene	21.408	228	202941	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	58382	0.443	ng		100
36) Indeno(1,2,3-cd)pyrene	26.103	276	203434	0.375	ng		98
37) Benzo(b)fluoranthene	22.998	252	201676	0.380	ng		100
38) Benzo(k)fluoranthene	23.046	252	218013	0.396	ng		98
39) Benzo(a)pyrene	23.604	252	165759	0.375	ng		100
40) Dibenzo(a,h)anthracene	26.123	278	169185	0.373	ng	#	94
41) Benzo(g,h,i)perylene	26.835	276	172498	0.364	ng		99

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

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