Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030221\
Data File : BN013803.D
Acq On : 02 Mar 2021 09:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 02 10:26:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	6205	0.40	ng		0.00
7) Naphthalene-d8	10.517	136	23326	0.40	ng		-0.01
13) Acenaphthene-d10	14.371	164	12828	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	27312	0.40	ng		#-0.01
29) Chrysene-d12	21.292	240	25817	0.40	ng		0.00
36) Perylene-d12	23.540	264	24127	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	6152	0.37	ng		0.00
5) Phenol-d6	6.895	99	8191	0.37	ng		0.00
8) Nitrobenzene-d5	8.870	82	6317	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	14905	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.856	330	1659	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.989	172	19724	0.43	ng		-0.01
27) Fluoranthene-d10	19.149	212	29880	0.37	ng		0.00
31) Terphenyl-d14	19.749	244	23570	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	3370	0.45	ng		99
3) n-Nitrosodimethylamine	3.585	42	2531	0.44	ng	#	85
6) bis(2-Chloroethyl)ether	7.161	93	7136	0.45	ng		96
9) Naphthalene	10.568	128	24033	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	4506	0.41	ng	#	99
12) 2-Methylnaphthalene	12.182	142	16112	0.40	ng		98
16) Acenaphthylene	14.080	152	19810	0.35	ng		99
17) Acenaphthene	14.435	154	14493	0.41	ng		99
18) Fluorene	15.425	166	17488	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	1048	0.55	ng	#	83
21) 4-Bromophenyl-phenylether	16.313	248	5788	0.39	ng	#	90
22) Hexachlorobenzene	16.422	284	6793	0.44	ng		99
23) Atrazine	16.581	200	3505	0.25	ng		95
24) Pentachlorophenol	16.763	266	1738	0.34	ng		97
25) Phenanthrene	17.153	178	29983	0.42	ng		100
26) Anthracene	17.250	178	24568	0.35	ng		100
28) Fluoranthene	19.173	202	32720	0.38	ng		99
30) Pyrene	19.541	202	32773	0.41	ng		100
32) Benzo(a)anthracene	21.282	228	28320	0.36	ng		98
33) Chrysene	21.335	228	33117	0.43	ng		97
34) Bis(2-ethylhexyl)phtha...	21.218	149	8062	0.21	ng		99
35) Indeno(1,2,3-cd)pyrene	25.796	276	37679	0.40	ng		100
37) Benzo(b)fluoranthene	22.866	252	32114	0.42	ng		95
38) Benzo(k)fluoranthene	22.911	252	34477	0.46	ng	#	93
39) Benzo(a)pyrene	23.441	252	28063	0.40	ng	#	93
40) Dibenzo(a,h)anthracene	25.813	278	30859	0.42	ng		98
41) Benzo(g,h,i)perylene	26.488	276	31187	0.42	ng		98

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

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