Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030321\
Data File : BN013817.D
Acq On : 03 Mar 2021 12:16
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 03 12:52:46 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	6371	0.40	ng		0.00
7) Naphthalene-d8	10.517	136	24096	0.40	ng		-0.01
13) Acenaphthene-d10	14.371	164	12859	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	27452	0.40	ng		#-0.01
29) Chrysene-d12	21.292	240	25194	0.40	ng		# 0.00
36) Perylene-d12	23.537	264	23930	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.324	112	6024	0.35	ng		0.00
5) Phenol-d6	6.895	99	8158	0.36	ng		0.00
8) Nitrobenzene-d5	8.870	82	6344	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	15351	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.856	330	1579	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.988	172	20484	0.45	ng		-0.01
27) Fluoranthene-d10	19.144	212	29571	0.37	ng		-0.01
31) Terphenyl-d14	19.749	244	23411	0.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	3324	0.43	ng		98
3) n-Nitrosodimethylamine	3.585	42	2484	0.42	ng	#	88
6) bis(2-Chloroethyl)ether	7.161	93	7299	0.45	ng		95
9) Naphthalene	10.568	128	24873	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	4632	0.41	ng	#	100
12) 2-Methylnaphthalene	12.182	142	16544	0.40	ng		99
16) Acenaphthylene	14.080	152	19845	0.35	ng		100
17) Acenaphthene	14.435	154	14909	0.42	ng		99
18) Fluorene	15.424	166	18157	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	1000	0.52	ng	#	71
21) 4-Bromophenyl-phenylether	16.313	248	5828	0.39	ng	#	89
22) Hexachlorobenzene	16.422	284	6944	0.44	ng		100
23) Atrazine	16.581	200	3451	0.25	ng		98
24) Pentachlorophenol	16.763	266	1826	0.36	ng		96
25) Phenanthrene	17.153	178	30522	0.43	ng		100
26) Anthracene	17.250	178	24701	0.35	ng		99
28) Fluoranthene	19.173	202	32396	0.38	ng		99
30) Pyrene	19.536	202	32332	0.42	ng		100
32) Benzo(a)anthracene	21.282	228	27479	0.35	ng		99
33) Chrysene	21.324	228	32698	0.43	ng		100
34) Bis(2-ethylhexyl)phtha...	21.218	149	7909	0.21	ng		98
35) Indeno(1,2,3-cd)pyrene	25.796	276	38112	0.42	ng		99
37) Benzo(b)fluoranthene	22.863	252	32239	0.42	ng		95
38) Benzo(k)fluoranthene	22.907	252	34488	0.47	ng	#	93
39) Benzo(a)pyrene	23.441	252	28732	0.42	ng		96
40) Dibenzo(a,h)anthracene	25.810	278	31112	0.43	ng		98
41) Benzo(g,h,i)perylene	26.481	276	31001	0.42	ng		98

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

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