Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013594.D
Acq On : 08 Feb 2021 12:01
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Feb 08 12:50:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 12:46:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	5969	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	22754	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	12469	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	25830	0.40	ng		# 0.00
29) Chrysene-d12	21.141	240	24019	0.40	ng		# 0.00
36) Perylene-d12	23.305	264	20896	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.179	112	5759	0.33	ng		0.00
5) Phenol-d6	6.734	99	7098	0.32	ng		0.00
8) Nitrobenzene-d5	8.692	82	5036	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.911	152	13899	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1320	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	19631	0.36	ng		0.00
27) Fluoranthene-d10	18.972	212	26226	0.32	ng		0.00
31) Terphenyl-d14	19.588	244	22707	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2477	0.34	ng		99
3) n-Nitrosodimethylamine	3.496	42	1859	0.29	ng	#	97
6) bis(2-Chloroethyl)ether	6.991	93	5672	0.33	ng		98
9) Naphthalene	10.365	128	22076	0.32	ng		100
10) Hexachlorobutadiene	10.657	225	3699	0.31	ng	#	99
12) 2-Methylnaphthalene	11.982	142	14897	0.32	ng		99
16) Acenaphthylene	13.902	152	17432	0.29	ng		99
17) Acenaphthene	14.245	154	13170	0.31	ng		98
18) Fluorene	15.234	166	16629	0.31	ng		99
20) 4,6-Dinitro-2-methylph...	15.323	198	870	0.27	ng		92
21) 4-Bromophenyl-phenylether	16.142	248	5030	0.31	ng	#	78
22) Hexachlorobenzene	16.252	284	5526	0.31	ng		99
23) Atrazine	16.410	200	2896	0.28	ng		95
24) Pentachlorophenol	16.592	266	981	0.18	ng		90
25) Phenanthrene	16.970	178	27386	0.32	ng		99
26) Anthracene	17.067	178	21225	0.29	ng		100
28) Fluoranthene	19.007	202	29056	0.30	ng		99
30) Pyrene	19.369	202	29001	0.33	ng		100
32) Benzo(a)anthracene	21.120	228	24310	0.29	ng		98
33) Chrysene	21.173	228	28655	0.31	ng		98
34) Bis(2-ethylhexyl)phtha...	21.077	149	6930	0.27	ng		99
35) Indeno(1,2,3-cd)pyrene	25.454	276	29505	0.30	ng		98
37) Benzo(b)fluoranthene	22.661	252	28451	0.33	ng		96
38) Benzo(k)fluoranthene	22.702	252	28097	0.34	ng	#	94
39) Benzo(a)pyrene	23.209	252	23229	0.33	ng	#	94
40) Dibenzo(a,h)anthracene	25.468	278	25102	0.32	ng		98
41) Benzo(g,h,i)perylene	26.105	276	27236	0.33	ng		99

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

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