Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040921\
Data File : BN014248.D
Acq On : 09 Apr 2021 11:32
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Apr 09 12:50:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 12:42:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	7627	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	28100	0.40	ng		0.00
13) Acenaphthene-d10	14.346	164	15531	0.40	ng		0.00
19) Phenanthrene-d10	17.092	188	34557	0.40	ng		0.00
29) Chrysene-d12	21.282	240	34779	0.40	ng		0.00
36) Perylene-d12	23.520	264	33156	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	3676	0.18	ng		0.00
5) Phenol-d6	6.879	99	4499	0.16	ng		0.00
8) Nitrobenzene-d5	8.857	82	3292	0.17	ng		0.00
11) 2-Methylnaphthalene-d10	12.084	152	8356	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.831	330	1107	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	10898	0.20	ng		0.00
27) Fluoranthene-d10	19.124	212	19279	0.19	ng		0.00
31) Terphenyl-d14	19.729	244	15060	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	2000	0.24	ng		94
3) n-Nitrosodimethylamine	3.633	42	661	0.14	ng	#	80
6) bis(2-Chloroethyl)ether	7.153	93	3635	0.19	ng		98
9) Naphthalene	10.543	128	13531	0.19	ng		99
10) Hexachlorobutadiene	10.834	225	2788	0.20	ng	#	98
12) 2-Methylnaphthalene	12.160	142	8837	0.17	ng		99
16) Acenaphthylene	14.067	152	10637	0.15	ng		99
17) Acenaphthene	14.409	154	8276	0.19	ng		100
18) Fluorene	15.399	166	10406	0.18	ng		100
20) 4,6-Dinitro-2-methylph...	15.463	198	706	0.21	ng	#	39
21) 4-Bromophenyl-phenylether	16.289	248	3406	0.18	ng		98
22) Hexachlorobenzene	16.398	284	4341	0.21	ng		100
23) Atrazine	16.556	200	2426	0.13	ng		99
24) Pentachlorophenol	16.739	266	1156	0.13	ng		98
25) Phenanthrene	17.128	178	18249	0.20	ng		100
26) Anthracene	17.226	178	14530	0.16	ng		99
28) Fluoranthene	19.153	202	20753	0.19	ng		99
30) Pyrene	19.521	202	21586	0.19	ng		100
32) Benzo(a)anthracene	21.271	228	18112	0.16	ng		99
33) Chrysene	21.314	228	20385	0.19	ng		96
34) Bis(2-ethylhexyl)phtha...	21.218	149	6329	0.09	ng	#	97
35) Indeno(1,2,3-cd)pyrene	25.772	276	25635	0.20	ng		99
37) Benzo(b)fluoranthene	22.849	252	20955	0.19	ng	#	94
38) Benzo(k)fluoranthene	22.894	252	22555	0.22	ng	#	93
39) Benzo(a)pyrene	23.421	252	17936	0.18	ng	#	90
40) Dibenzo(a,h)anthracene	25.786	278	21228	0.21	ng		95
41) Benzo(g,h,i)perylene	26.457	276	20884	0.20	ng		97

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

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