Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091720\
Data File : BN011821.D
Acq On : 17 Sep 2020 13:21
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 17 19:00:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 16:24:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	1943	0.40	ng		0.00
7) Naphthalene-d8	10.491	136	7200	0.40	ng		# 0.00
13) Acenaphthene-d10	14.357	164	4146	0.40	ng		0.00
19) Phenanthrene-d10	17.102	188	8864	0.40	ng		0.00
29) Chrysene-d12	21.312	240	9310	0.40	ng		# 0.00
36) Perylene-d12	23.559	264	9120	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	2530	0.44	ng		0.00
5) Phenol-d6	6.878	99	3011	0.43	ng		0.00
8) Nitrobenzene-d5	8.856	82	3042	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	5279	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	868	0.41	ng		0.00
15) 2-Fluorobiphenyl	12.974	172	7628	0.43	ng		0.00
27) Fluoranthene-d10	19.142	212	11405	0.41	ng		0.00
31) Terphenyl-d14	19.747	244	8928	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	1161	0.40	ng		90
3) n-Nitrosodimethylamine	3.576	42	1657	0.43	ng	#	80
6) bis(2-Chloroethyl)ether	7.143	93	2581	0.42	ng		97
9) Naphthalene	10.542	128	8415	0.42	ng		99
10) Hexachlorobutadiene	10.833	225	1951	0.42	ng	#	100
12) 2-Methylnaphthalene	12.167	142	5775	0.41	ng		98
16) Acenaphthylene	14.078	152	8084	0.40	ng		100
17) Acenaphthene	14.420	154	5667	0.41	ng		95
18) Fluorene	15.410	166	7191	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.486	198	591	0.39	ng	#	65
21) 4-Bromophenyl-phenylether	16.299	248	2150	0.41	ng	#	64
22) Hexachlorobenzene	16.421	284	2683	0.41	ng		96
23) Atrazine	16.579	200	1879	0.40	ng		98
24) Pentachlorophenol	16.761	266	1040	0.40	ng		98
25) Phenanthrene	17.151	178	11474	0.41	ng		100
26) Anthracene	17.236	178	9724	0.40	ng		100
28) Fluoranthene	19.177	202	13143	0.40	ng		99
30) Pyrene	19.539	202	13365	0.41	ng		100
32) Benzo(a)anthracene	21.291	228	12944	0.41	ng		99
33) Chrysene	21.344	228	13190	0.41	ng		99
34) Bis(2-ethylhexyl)phtha...	21.227	149	6279	0.39	ng		97
35) Indeno(1,2,3-cd)pyrene	25.818	276	17209	0.43	ng		98
37) Benzo(b)fluoranthene	22.885	252	13788	0.41	ng	#	92
38) Benzo(k)fluoranthene	22.929	252	14840	0.42	ng	#	92
39) Benzo(a)pyrene	23.463	252	12352	0.41	ng	#	87
40) Dibenzo(a,h)anthracene	25.835	278	13856	0.42	ng	#	92
41) Benzo(g,h,i)perylene	26.506	276	15151	0.43	ng	#	96

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

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