Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091820\
Data File : BN011829.D
Acq On : 18 Sep 2020 09:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 18 10:47:58 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 10:47:35 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	1954	0.40	ng		0.00
7) Naphthalene-d8	10.491	136	7197	0.40	ng		# 0.00
13) Acenaphthene-d10	14.357	164	4153	0.40	ng		0.00
19) Phenanthrene-d10	17.102	188	9257	0.40	ng		0.00
29) Chrysene-d12	21.312	240	9556	0.40	ng		# 0.00
36) Perylene-d12	23.559	264	9409	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	2488	0.43	ng		0.00
5) Phenol-d6	6.877	99	3034	0.43	ng		0.00
8) Nitrobenzene-d5	8.856	82	3082	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	5301	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	853	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.974	172	7727	0.43	ng		0.00
27) Fluoranthene-d10	19.142	212	11654	0.40	ng		0.00
31) Terphenyl-d14	19.747	244	9194	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	1145	0.39	ng		95
3) n-Nitrosodimethylamine	3.575	42	1581	0.41	ng	#	81
6) bis(2-Chloroethyl)ether	7.143	93	2533	0.41	ng		99
9) Naphthalene	10.541	128	8511	0.42	ng		99
10) Hexachlorobutadiene	10.833	225	1948	0.42	ng	#	100
12) 2-Methylnaphthalene	12.166	142	5809	0.42	ng		98
16) Acenaphthylene	14.078	152	8206	0.41	ng		99
17) Acenaphthene	14.420	154	5782	0.41	ng		97
18) Fluorene	15.410	166	7145	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.486	198	577	0.36	ng	#	76
21) 4-Bromophenyl-phenylether	16.299	248	2236	0.41	ng	#	69
22) Hexachlorobenzene	16.408	284	2751	0.40	ng		96
23) Atrazine	16.579	200	1900	0.38	ng		100
24) Pentachlorophenol	16.761	266	1031	0.38	ng		95
25) Phenanthrene	17.151	178	11725	0.40	ng		99
26) Anthracene	17.236	178	9977	0.39	ng		100
28) Fluoranthene	19.171	202	13501	0.39	ng		99
30) Pyrene	19.539	202	13709	0.41	ng		99
32) Benzo(a)anthracene	21.290	228	12739	0.39	ng		98
33) Chrysene	21.343	228	13612	0.41	ng		99
34) Bis(2-ethylhexyl)phtha...	21.227	149	5776	0.35	ng		99
35) Indeno(1,2,3-cd)pyrene	25.815	276	16867	0.41	ng		99
37) Benzo(b)fluoranthene	22.885	252	14110	0.40	ng	#	93
38) Benzo(k)fluoranthene	22.926	252	15152	0.42	ng	#	94
39) Benzo(a)pyrene	23.460	252	12727	0.41	ng	#	88
40) Dibenzo(a,h)anthracene	25.832	278	13446	0.39	ng	#	94
41) Benzo(g,h,i)perylene	26.506	276	14548	0.40	ng		96

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

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