Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
Data File : BN011850.D
Acq On : 22 Sep 2020 13:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 22 14:57:44 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 14:36:55 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	3239	0.40	ng		# 0.00
7) Naphthalene-d8	10.478	136	13595	0.40	ng		# 0.00
13) Acenaphthene-d10	14.332	164	7052	0.40	ng		0.00
19) Phenanthrene-d10	17.078	188	14642	0.40	ng		0.00
29) Chrysene-d12	21.269	240	12849	0.40	ng		# 0.00
36) Perylene-d12	23.491	264	12778	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	5076	0.53	ng		0.00
5) Phenol-d6	6.870	99	6509	0.55	ng		0.00
8) Nitrobenzene-d5	8.843	82	5930	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.064	152	9019	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	1353	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	11615	0.38	ng		0.00
27) Fluoranthene-d10	19.107	212	17420	0.38	ng		0.00
31) Terphenyl-d14	19.713	244	12969	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	2272	0.47	ng		96
3) n-Nitrosodimethylamine	3.576	42	3318	0.52	ng	#	82
6) bis(2-Chloroethyl)ether	7.127	93	5515	0.53	ng		95
9) Naphthalene	10.516	128	16342	0.43	ng		99
10) Hexachlorobutadiene	10.820	225	2636	0.30	ng	#	98
12) 2-Methylnaphthalene	12.140	142	10290	0.39	ng		98
16) Acenaphthylene	14.040	152	13501	0.40	ng		99
17) Acenaphthene	14.395	154	9898	0.42	ng		94
18) Fluorene	15.385	166	11881	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	886	0.35	ng	#	12
21) 4-Bromophenyl-phenylether	16.275	248	3217	0.37	ng	#	82
22) Hexachlorobenzene	16.384	284	3809	0.35	ng	#	87
23) Atrazine	16.542	200	2832	0.36	ng	#	94
24) Pentachlorophenol	16.725	266	1639	0.38	ng		98
25) Phenanthrene	17.114	178	18675	0.40	ng		99
26) Anthracene	17.212	178	15926	0.40	ng		99
28) Fluoranthene	19.137	202	20156	0.37	ng	#	95
30) Pyrene	19.504	202	20495	0.46	ng		99
32) Benzo(a)anthracene	21.248	228	17192	0.40	ng		98
33) Chrysene	21.301	228	18550	0.42	ng		98
34) Bis(2-ethylhexyl)phtha...	21.184	149	10485	0.47	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.719	276	21721	0.39	ng	#	91
37) Benzo(b)fluoranthene	22.823	252	18618	0.39	ng	#	85
38) Benzo(k)fluoranthene	22.868	252	19432	0.39	ng	#	87
39) Benzo(a)pyrene	23.391	252	16761	0.40	ng	#	75
40) Dibenzo(a,h)anthracene	25.733	278	17536	0.37	ng	#	87
41) Benzo(g,h,i)perylene	26.393	276	19065	0.38	ng	#	88

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

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