Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\
Data File : BN011266.D
Acq On : 27 Jul 2020 08:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 27 11:11:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 27 10:06:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1779	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	7364	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	4404	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	9718	0.40	ng		0.00
29) Chrysene-d12	21.08	240	7722	0.40	ng		0.00
36) Perylene-d12	23.21	264	7314	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.14	112	1790	0.41	ng		0.00
5) Phenol-d6	6.68	99	2139	0.43	ng		0.00
8) Nitrobenzene-d5	8.62	82	2411	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.82	152	4962	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.61	330	734	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.72	172	7359	0.36	ng		0.00
27) Fluoranthene-d10	18.91	212	11418	0.37	ng		0.00
31) Terphenyl-d14	19.53	244	8823	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1074	0.422	ng	#	97
3) n-Nitrosodimethylamine	3.54	42	474	0.370	ng	#	97
6) bis(2-Chloroethyl)ether	6.93	93	1791	0.394	ng		98
9) Naphthalene	10.28	128	8284	0.378	ng		99
10) Hexachlorobutadiene	10.57	225	1957	0.360	ng	#	99
12) 2-Methylnaphthalene	11.90	142	5654	0.410	ng		98
16) Acenaphthylene	13.82	152	8177	0.365	ng		100
17) Acenaphthene	14.17	154	5581	0.373	ng		99
18) Fluorene	15.17	166	7070	0.369	ng		100
20) 4,6-Dinitro-2-methylphenol	15.28	198	436	0.374	ng	#	83
21) 4-Bromophenyl-phenylether	16.07	248	2404	0.364	ng		94
22) Hexachlorobenzene	16.18	284	2580	0.336	ng		97
23) Atrazine	16.36	200	1818	0.393	ng		95
24) Pentachlorophenol	16.53	266	826	0.362	ng		95
25) Phenanthrene	16.91	178	11850	0.380	ng		99
26) Anthracene	16.99	178	9669	0.373	ng		100
28) Fluoranthene	18.94	202	13699	0.366	ng		99
30) Pyrene	19.31	202	13679	0.464	ng		99
32) Benzo(a)anthracene	21.07	228	10688	0.427	ng		98
33) Chrysene	21.12	228	11100	0.363	ng		100
34) Bis(2-ethylhexyl)phthalate	21.02	149	5676	0.551	ng		97
35) Indeno(1,2,3-cd)pyrene	25.29	276	10712	0.327	ng	#	96
37) Benzo(b)fluoranthene	22.59	252	10485	0.357	ng		98
38) Benzo(k)fluoranthene	22.63	252	11263	0.339	ng		100
39) Benzo(a)pyrene	23.12	252	8909	0.337	ng		95
40) Dibenzo(a,h)anthracene	25.31	278	8335	0.297	ng		98
41) Benzo(g,h,i)perylene	25.92	276	9387	0.305	ng		97

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

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