Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070720\
Data File : BN011108.D
Acq On : 07 Jul 2020 08:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 07 10:48:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 10:47:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2363	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	7035	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3586	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	7902	0.40	ng		0.00
29) Chrysene-d12	21.10	240	6835	0.40	ng		0.00
36) Perylene-d12	23.24	264	6341	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2119	0.36	ng		0.00
5) Phenol-d6	6.72	99	2532	0.37	ng		0.00
8) Nitrobenzene-d5	8.66	82	2531	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.85	152	4981	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	634	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	7099	0.42	ng		0.00
27) Fluoranthene-d10	18.93	212	8999	0.38	ng		0.00
31) Terphenyl-d14	19.55	244	7602	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1083	0.325	ng		91
3) n-Nitrosodimethylamine	3.58	42	600	0.356	ng	#	91
6) bis(2-Chloroethyl)ether	6.96	93	2471	0.402	ng		94
9) Naphthalene	10.30	128	8228	0.392	ng		99
10) Hexachlorobutadiene	10.60	225	2153	0.405	ng	#	99
12) 2-Methylnaphthalene	11.93	142	5545	0.395	ng		99
16) Acenaphthylene	13.84	152	7201	0.401	ng		99
17) Acenaphthene	14.20	154	4918	0.404	ng		98
18) Fluorene	15.19	166	6237	0.410	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	296	0.387	ng	#	82
21) 4-Bromophenyl-phenylether	16.10	248	2019	0.384	ng	#	83
22) Hexachlorobenzene	16.20	284	2350	0.380	ng		100
23) Atrazine	16.38	200	1341	0.361	ng		97
24) Pentachlorophenol	16.56	266	788	0.473	ng		93
25) Phenanthrene	16.92	178	10058	0.393	ng		99
26) Anthracene	17.02	178	7785	0.368	ng		99
28) Fluoranthene	18.96	202	10802	0.375	ng		99
30) Pyrene	19.32	202	10789	0.423	ng		99
32) Benzo(a)anthracene	21.09	228	8773	0.384	ng		98
33) Chrysene	21.13	228	11175	0.426	ng		98
34) Bis(2-ethylhexyl)phthalate	21.05	149	3831	0.415	ng		100
35) Indeno(1,2,3-cd)pyrene	25.34	276	10021	0.366	ng		96
37) Benzo(b)fluoranthene	22.61	252	10139	0.399	ng		96
38) Benzo(k)fluoranthene	22.66	252	11409	0.419	ng		98
39) Benzo(a)pyrene	23.15	252	8896	0.406	ng		97
40) Dibenzo(a,h)anthracene	25.36	278	7105	0.317	ng		99
41) Benzo(g,h,i)perylene	25.96	276	10652	0.431	ng		97

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

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