Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073120\
Data File : BN011322.D
Acq On : 31 Jul 2020 11:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 31 12:20:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1619	0.40	ng		0.00
7) Naphthalene-d8	10.21	136	5797	0.40	ng		0.00
13) Acenaphthene-d10	14.09	164	3365	0.40	ng		0.00
19) Phenanthrene-d10	16.85	188	7646	0.40	ng		0.00
29) Chrysene-d12	21.07	240	7904	0.40	ng		0.00
36) Perylene-d12	23.20	264	8190	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	1589	0.37	ng		0.00
5) Phenol-d6	6.67	99	1874	0.36	ng		0.00
8) Nitrobenzene-d5	8.60	82	1844	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.81	152	3729	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.60	330	566	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.71	172	5653	0.39	ng		0.00
27) Fluoranthene-d10	18.89	212	8750	0.37	ng		0.00
31) Terphenyl-d14	19.51	244	7583	0.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	800	0.351	ng		95
3) n-Nitrosodimethylamine	3.51	42	385	0.330	ng		98
6) bis(2-Chloroethyl)ether	6.92	93	1722	0.400	ng		93
9) Naphthalene	10.26	128	6220	0.362	ng		99
10) Hexachlorobutadiene	10.55	225	1452	0.349	ng	#	97
12) 2-Methylnaphthalene	11.89	142	4289	0.352	ng		98
16) Acenaphthylene	13.81	152	6096	0.352	ng		100
17) Acenaphthene	14.15	154	4078	0.361	ng		99
18) Fluorene	15.16	166	5463	0.377	ng		99
20) 4,6-Dinitro-2-methylphenol	15.27	198	407	0.448	ng		91
21) 4-Bromophenyl-phenylether	16.06	248	1704	0.336	ng		94
22) Hexachlorobenzene	16.16	284	2017	0.351	ng		98
23) Atrazine	16.35	200	1390	0.352	ng		98
24) Pentachlorophenol	16.52	266	615	0.345	ng		95
25) Phenanthrene	16.90	178	8895	0.357	ng		99
26) Anthracene	16.98	178	7407	0.358	ng		99
28) Fluoranthene	18.92	202	10616	0.375	ng		99
30) Pyrene	19.29	202	10664	0.299	ng		100
32) Benzo(a)anthracene	21.06	228	9889	0.373	ng		99
33) Chrysene	21.11	228	11109	0.374	ng		98
34) Bis(2-ethylhexyl)phthalate	21.01	149	4480	0.315	ng		100
35) Indeno(1,2,3-cd)pyrene	25.27	276	10684	0.368	ng		98
37) Benzo(b)fluoranthene	22.57	252	11260	0.345	ng		97
38) Benzo(k)fluoranthene	22.61	252	12019	0.334	ng		97
39) Benzo(a)pyrene	23.10	252	9490	0.335	ng		94
40) Dibenzo(a,h)anthracene	25.28	278	8378	0.286	ng		97
41) Benzo(g,h,i)perylene	25.89	276	9181	0.282	ng		99

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

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