Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011568.D
Acq On : 22 Aug 2020 02:49
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 22 05:50:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1285	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	4262	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	2891	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	7184	0.40	ng		0.00
29) Chrysene-d12	21.01	240	6853	0.40	ng		0.00
36) Perylene-d12	23.10	264	6171	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1026	0.37	ng		0.00
5) Phenol-d6	6.62	99	978	0.35	ng		0.00
8) Nitrobenzene-d5	8.55	82	922	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	2914	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	503	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	4552	0.38	ng		-0.01
27) Fluoranthene-d10	18.83	212	7807	0.32	ng		0.00
31) Terphenyl-d14	19.45	244	6152	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	745	0.424	ng	#	100
3) n-Nitrosodimethylamine	3.46	42	245	0.338	ng	#	79
6) bis(2-Chloroethyl)ether	6.87	93	882	0.326	ng		96
9) Naphthalene	10.19	128	4606	0.373	ng		100
10) Hexachlorobutadiene	10.48	225	1343	0.389	ng	#	100
12) 2-Methylnaphthalene	11.82	142	3196	0.376	ng		97
16) Acenaphthylene	13.75	152	5114	0.348	ng		100
17) Acenaphthene	14.09	154	3503	0.363	ng		100
18) Fluorene	15.09	166	4684	0.367	ng		99
20) 4,6-Dinitro-2-methylphenol	15.24	198	285	0.374	ng		89
21) 4-Bromophenyl-phenylether	16.02	248	500	0.319	ng		99
22) Hexachlorobenzene	16.10	284	1934	0.349	ng		99
23) Atrazine	16.30	200	925	0.247	ng		94
24) Pentachlorophenol	16.47	266	543	0.315	ng		99
25) Phenanthrene	16.83	178	7784	0.344	ng		100
26) Anthracene	16.93	178	6205	0.329	ng		99
28) Fluoranthene	18.86	202	9447	0.325	ng		99
30) Pyrene	19.23	202	9481	0.348	ng		99
32) Benzo(a)anthracene	20.99	228	7975	0.354	ng		98
33) Chrysene	21.05	228	9080	0.355	ng		99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3768	0.369	ng		100
35) Indeno(1,2,3-cd)pyrene	25.13	276	7960	0.342	ng		98
37) Benzo(b)fluoranthene	22.49	252	8321	0.365	ng		93
38) Benzo(k)fluoranthene	22.53	252	9904	0.364	ng	#	92
39) Benzo(a)pyrene	23.01	252	7567	0.358	ng	#	88
40) Dibenzo(a,h)anthracene	25.15	278	5874	0.333	ng		91
41) Benzo(g,h,i)perylene	25.75	276	7173	0.341	ng		96

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

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