Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072220\
Data File : BN011218.D
Acq On : 21 Jul 2020 13:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 21 17:40:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 21 14:35:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1435	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	5288	0.40	ng		0.00
13) Acenaphthene-d10	14.12	164	3259	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	7523	0.40	ng		0.00
29) Chrysene-d12	21.10	240	5804	0.40	ng		0.00
36) Perylene-d12	23.23	264	5027	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	1350	0.38	ng		0.00
5) Phenol-d6	6.69	99	1696	0.42	ng		0.00
8) Nitrobenzene-d5	8.63	82	1737	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.84	152	3561	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	553	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	5338	0.35	ng		0.00
27) Fluoranthene-d10	18.92	212	8664	0.37	ng		0.00
31) Terphenyl-d14	19.54	244	6827	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	793	0.387	ng		95
3) n-Nitrosodimethylamine	3.53	42	388	0.376	ng		94
6) bis(2-Chloroethyl)ether	6.94	93	1578	0.431	ng		92
9) Naphthalene	10.29	128	5877	0.374	ng		100
10) Hexachlorobutadiene	10.58	225	1411	0.362	ng	#	100
12) 2-Methylnaphthalene	11.91	142	4066	0.411	ng		98
16) Acenaphthylene	13.82	152	5931	0.358	ng		99
17) Acenaphthene	14.18	154	4084	0.369	ng		99
18) Fluorene	15.18	166	5469	0.385	ng		99
20) 4,6-Dinitro-2-methylphenol	15.30	198	323	0.363	ng		96
21) 4-Bromophenyl-phenylether	16.08	248	1831	0.358	ng		97
22) Hexachlorobenzene	16.19	284	2023	0.340	ng		99
23) Atrazine	16.37	200	1330	0.371	ng		98
24) Pentachlorophenol	16.54	266	601	0.340	ng		93
25) Phenanthrene	16.91	178	8966	0.371	ng		100
26) Anthracene	17.00	178	7116	0.354	ng		99
28) Fluoranthene	18.95	202	10403	0.359	ng		100
30) Pyrene	19.32	202	10331	0.466	ng		99
32) Benzo(a)anthracene	21.08	228	7204	0.383	ng		99
33) Chrysene	21.13	228	9017	0.392	ng		100
34) Bis(2-ethylhexyl)phthalate	21.04	149	3682	0.475	ng		97
35) Indeno(1,2,3-cd)pyrene	25.32	276	7754	0.313	ng		98
37) Benzo(b)fluoranthene	22.60	252	7444	0.369	ng		99
38) Benzo(k)fluoranthene	22.65	252	8177	0.358	ng		98
39) Benzo(a)pyrene	23.14	252	6341	0.349	ng		99
40) Dibenzo(a,h)anthracene	25.34	278	6031	0.313	ng		98
41) Benzo(g,h,i)perylene	25.95	276	7294	0.345	ng		98

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

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