Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091620\
Data File : BN011812.D
Acq On : 16 Sep 2020 11:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 16 12:39:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 12:37:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1714	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	6137	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	3599	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	7955	0.40	ng		0.00
29) Chrysene-d12	21.31	240	11134	0.40	ng		0.00
36) Perylene-d12	23.56	264	11330	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	1885	0.40	ng		0.00
5) Phenol-d6	6.89	99	2466	0.40	ng		0.00
8) Nitrobenzene-d5	8.86	82	2533	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	4315	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	690	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	6115	0.38	ng		0.00
27) Fluoranthene-d10	19.15	212	9527	0.37	ng		0.00
31) Terphenyl-d14	19.75	244	18912	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	920	0.383	ng		95
3) n-Nitrosodimethylamine	3.58	42	1225	0.331	ng	#	79
6) bis(2-Chloroethyl)ether	7.14	93	1972	0.396	ng		97
9) Naphthalene	10.55	128	6694	0.381	ng		99
10) Hexachlorobutadiene	10.85	225	1577	0.371	ng	#	100
12) 2-Methylnaphthalene	12.17	142	4725	0.375	ng		99
16) Acenaphthylene	14.08	152	6583	0.367	ng		99
17) Acenaphthene	14.42	154	4683	0.369	ng		97
18) Fluorene	15.41	166	5899	0.369	ng		98
20) 4,6-Dinitro-2-methylphenol	15.49	198	646	0.361	ng	#	80
21) 4-Bromophenyl-phenylether	16.31	248	1815	0.360	ng		97
22) Hexachlorobenzene	16.42	284	2193	0.372	ng		98
23) Atrazine	16.58	200	1756	0.378	ng		98
24) Pentachlorophenol	16.76	266	1194	0.480	ng		95
25) Phenanthrene	17.15	178	9645	0.372	ng		100
26) Anthracene	17.24	178	8892	0.382	ng		100
28) Fluoranthene	19.18	202	15181	0.470	ng		99
30) Pyrene	19.54	202	15820	0.401	ng		100
32) Benzo(a)anthracene	21.29	228	18434	0.454	ng		98
33) Chrysene	21.34	228	19596	0.461	ng		99
34) Bis(2-ethylhexyl)phthalate	21.24	149	7505	0.413	ng		99
35) Indeno(1,2,3-cd)pyrene	25.82	276	26011	0.466	ng		99
37) Benzo(b)fluoranthene	22.88	252	21370	0.457	ng	#	97
38) Benzo(k)fluoranthene	22.93	252	21076	0.450	ng	#	97
39) Benzo(a)pyrene	23.46	252	18127	0.442	ng	#	95
40) Dibenzo(a,h)anthracene	25.84	278	21951	0.463	ng		97
41) Benzo(g,h,i)perylene	26.51	276	22115	0.467	ng		97

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

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