Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
Data File : BN011689.D
Acq On : 03 Sep 2020 09:16
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Sep 03 12:35:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 03 12:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2210	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	8160	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4783	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	10410	0.40	ng		0.00
29) Chrysene-d12	21.32	240	10469	0.40	ng		0.00
36) Perylene-d12	23.58	264	11344	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2212	0.35	ng		0.00
5) Phenol-d6	6.90	99	2916	0.34	ng		0.00
8) Nitrobenzene-d5	8.88	82	2928	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	5257	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	778	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	7574	0.37	ng		0.00
27) Fluoranthene-d10	19.16	212	11628	0.35	ng		0.00
31) Terphenyl-d14	19.76	244	10090	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1296	0.365	ng		99
3) n-Nitrosodimethylamine	3.59	42	1622	0.395	ng	#	95
6) bis(2-Chloroethyl)ether	7.17	93	2508	0.363	ng		99
9) Naphthalene	10.57	128	8459	0.362	ng		99
10) Hexachlorobutadiene	10.87	225	1987	0.387	ng	#	97
12) 2-Methylnaphthalene	12.19	142	5935	0.357	ng		97
16) Acenaphthylene	14.09	152	8187	0.352	ng		100
17) Acenaphthene	14.43	154	5856	0.364	ng		99
18) Fluorene	15.42	166	7380	0.358	ng		99
20) 4,6-Dinitro-2-methylphenol	15.50	198	628	0.391	ng	#	88
21) 4-Bromophenyl-phenylether	16.32	248	2218	0.364	ng	#	74
22) Hexachlorobenzene	16.43	284	2832	0.376	ng		99
23) Atrazine	16.59	200	1769	0.331	ng		93
24) Pentachlorophenol	16.77	266	1061	0.355	ng		98
25) Phenanthrene	17.16	178	12151	0.361	ng		100
26) Anthracene	17.26	178	10432	0.349	ng		100
28) Fluoranthene	19.19	202	13960	0.350	ng		100
30) Pyrene	19.55	202	14014	0.385	ng		99
32) Benzo(a)anthracene	21.30	228	13527	0.362	ng		98
33) Chrysene	21.35	228	14554	0.377	ng		98
34) Bis(2-ethylhexyl)phthalate	21.25	149	5670	0.373	ng		100
35) Indeno(1,2,3-cd)pyrene	25.85	276	18419	0.366	ng		99
37) Benzo(b)fluoranthene	22.90	252	15343	0.353	ng		99
38) Benzo(k)fluoranthene	22.94	252	16309	0.367	ng		98
39) Benzo(a)pyrene	23.48	252	13465	0.346	ng		97
40) Dibenzo(a,h)anthracene	25.86	278	15181	0.346	ng		99
41) Benzo(g,h,i)perylene	26.54	276	14500	0.337	ng		99

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

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