Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036655.D
Acq On : 11 Sep 2018 10:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 11 14:19:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76298	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	338745	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	222294	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	584075	20.00	ng		0.00
75) Chrysene-d12	21.69	240	604948	20.00	ng		0.00
86) Perylene-d12	24.90	264	641251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	365498	75.99	ng		0.00
7) Phenol-d6	7.21	99	529455	76.88	ng		0.00
23) Nitrobenzene-d5	9.22	82	518876	83.11	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	240554	90.69	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1166965	74.96	ng		0.00
78) Terphenyl-d14	20.03	244	1847559	71.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	76080	33.893	ng		97
3) Pyridine	3.93	79	227095	36.043	ng		96
4) n-Nitrosodimethylamine	3.84	42	100943	35.969	ng		90
6) Aniline	7.38	93	321988	36.836	ng		98
8) 2-Chlorophenol	7.62	128	196496	37.672	ng		96
9) Benzaldehyde	7.19	77	168580	35.549	ng		94
10) Phenol	7.24	94	272716	37.843	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	210143	36.781	ng		99
12) 1,3-Dichlorobenzene	7.94	146	222426	37.346	ng		99
13) 1,4-Dichlorobenzene	8.09	146	228462	37.993	ng		97
14) 1,2-Dichlorobenzene	8.41	146	215734	37.566	ng		98
15) Benzyl Alcohol	8.29	79	205511	37.019	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	397697	34.517	ng		98
17) 2-Methylphenol	8.49	107	179590	37.530	ng		97
18) Hexachloroethane	9.14	117	82147	38.103	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	182644	35.488	ng		94
20) 3+4-Methylphenols	8.82	107	260540	38.998	ng		99
22) Acetophenone	8.87	105	322836	36.293	ng	#	99
24) Nitrobenzene	9.26	77	267071	39.669	ng		95
25) Isophorone	9.78	82	441864	35.626	ng		97
26) 2-Nitrophenol	9.97	139	119944	44.959	ng		98
27) 2,4-Dimethylphenol	10.02	122	179605	36.363	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	272571	35.809	ng		98
29) 2,4-Dichlorophenol	10.51	162	224312	41.439	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	248261	39.205	ng		100
31) Naphthalene	10.91	128	629130	37.153	ng		98
32) Benzoic acid	10.15	122	102808	29.935	ng		94
33) 4-Chloroaniline	11.02	127	291761	37.600	ng		99
34) Hexachlorobutadiene	11.19	225	174182	40.939	ng		95
35) Caprolactam	11.80	113	83709	38.819	ng	#	89
36) 4-Chloro-3-methylphenol	12.13	107	245155	38.977	ng		97
37) 2-Methylnaphthalene	12.51	142	478512	38.620	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	306505	38.962	ng		99
40) Hexachlorocyclopentadiene	12.86	237	155087	37.890	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	192503	40.172 ng	97
43) 2,4,5-Trichlorophenol	13.19	196	204209	39.953 ng	99
45) 1,1'-Biphenyl	13.51	154	678787	36.786 ng	100
46) 2-Chloronaphthalene	13.56	162	527132	37.421 ng	99
47) 2-Nitroaniline	13.76	65	186142	42.080 ng	98
48) Acenaphthylene	14.40	152	818856	37.195 ng	99
49) Dimethylphthalate	14.13	163	692272	38.138 ng	98
50) 2,6-Dinitrotoluene	14.25	165	157457	42.156 ng	94
51) Acenaphthene	14.74	154	507898	36.022 ng	99
52) 3-Nitroaniline	14.58	138	170818	42.439 ng	95
53) 2,4-Dinitrophenol	14.78	184	31851	22.513 ng	93
54) Dibenzofuran	15.08	168	822886	37.253 ng	98
55) 4-Nitrophenol	14.88	139	113691	34.546 ng	98
56) 2,4-Dinitrotoluene	15.04	165	226983	46.628 ng	89
57) Fluorene	15.72	166	614364	37.205 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	204658	42.617 ng	96
59) Diethylphthalate	15.49	149	706145	38.602 ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	399003	39.131 ng	96
61) 4-Nitroaniline	15.75	138	176912	42.003 ng	97
62) Azobenzene	16.01	77	667170	35.845 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	95777	37.329 ng	98
65) n-Nitrosodiphenylamine	15.93	169	628468	36.213 ng	96
66) 4-Bromophenyl-phenylether	16.61	248	266176	38.924 ng	99
67) Hexachlorobenzene	16.73	284	277114	39.631 ng	96
68) Atrazine	16.88	200	210657	32.338 ng	99
69) Pentachlorophenol	17.07	266	217440	45.755 ng	98
70) Phenanthrene	17.47	178	1080941	36.422 ng	98
71) Anthracene	17.56	178	1081093	36.543 ng	98
72) Carbazole	17.82	167	1076294	36.428 ng	99
73) Di-n-butylphthalate	18.38	149	1167741	35.493 ng	98
74) Fluoranthene	19.47	202	1326665	36.664 ng	98
76) Benzidine	19.65	184	595039	30.830 ng	99
77) Pyrene	19.83	202	1337722	35.960 ng	97
79) Butylbenzylphthalate	20.71	149	554491	37.453 ng	97
80) Benzo(a)anthracene	21.67	228	1331935	36.343 ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	519327	35.556 ng	98
82) Chrysene	21.73	228	1273668	36.665 ng	95
83) Bis(2-ethylhexyl)phthalate	21.58	149	747592	36.086 ng	99
84) Di-n-octyl phthalate	22.79	149	1254369	36.249 ng	98
85) Indeno(1,2,3-cd)pyrene	28.55	276	1312575	32.532 ng	98
87) Benzo(b)fluoranthene	23.88	252	1316126	36.961 ng	96
88) Benzo(k)fluoranthene	23.95	252	1315919	37.827 ng	97
89) Benzo(a)pyrene	24.74	252	1281960	37.465 ng	98
90) Dibenzo(a,h)anthracene	28.61	278	1004577	30.411 ng	99
91) Benzo(g,h,i)perylene	29.68	276	1133665	34.151 ng	97

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

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