Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039799.D
Acq On : 6 Mar 2019 22:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 07 00:13:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47975	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	231146	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	156021	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	366559	20.00	ng		0.00
76) Chrysene-d12	21.82	240	352572	20.00	ng		-0.01
87) Perylene-d12	25.18	264	367176	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	236455	84.08	ng		-0.01
7) Phenol-d6	7.30	99	363826	86.77	ng		-0.01
23) Nitrobenzene-d5	9.33	82	358766	83.94	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	153467	84.39	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	854637	77.99	ng		-0.01
79) Terphenyl-d14	20.12	244	1271662	79.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	49243	37.929	ng		94
3) Pyridine	3.99	79	147417	42.413	ng		99
4) n-Nitrosodimethylamine	3.92	42	71950	43.636	ng		86
6) Aniline	7.48	93	230314	41.925	ng		95
8) 2-Chlorophenol	7.72	128	142527	41.777	ng		96
9) Benzaldehyde	7.30	77	112592	41.627	ng		99
10) Phenol	7.33	94	196038	43.157	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	147727	41.712	ng		99
12) 1,3-Dichlorobenzene	8.04	146	155991	40.428	ng		97
13) 1,4-Dichlorobenzene	8.19	146	157799	40.150	ng		98
14) 1,2-Dichlorobenzene	8.51	146	153875	40.522	ng		99
15) Benzyl Alcohol	8.39	79	145487	43.741	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	296577	41.870	ng		100
17) 2-Methylphenol	8.59	107	125045	43.172	ng		99
18) Hexachloroethane	9.24	117	55977	39.694	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	124121	41.126	ng		96
20) 3+4-Methylphenols	8.92	107	177280	44.058	ng		95
22) Acetophenone	8.99	105	246901	39.798	ng	#	96
24) Nitrobenzene	9.38	77	184274	41.100	ng		98
25) Isophorone	9.89	82	363921	40.639	ng		99
26) 2-Nitrophenol	10.08	139	94725	43.758	ng		94
27) 2,4-Dimethylphenol	10.13	122	138120	41.025	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	218061	40.070	ng		98
29) 2,4-Dichlorophenol	10.61	162	163751	43.199	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	170152	39.891	ng		100
31) Naphthalene	11.03	128	489796	40.022	ng		99
32) Benzoic acid	10.27	122	95444	42.211	ng		97
33) 4-Chloroaniline	11.14	127	214788	41.389	ng		98
34) Hexachlorobutadiene	11.29	225	113063	38.790	ng		95
35) Caprolactam	11.93	113	62434	43.118	ng	#	88
36) 4-Chloro-3-methylphenol	12.24	107	187661	43.188	ng		99
37) 2-Methylnaphthalene	12.62	142	370547	40.499	ng		97
38) 1-Methylnaphthalene	12.84	142	361864	40.697	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	213171	40.331	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	102021	36.017 ng		99
43) 2,4,6-Trichlorophenol	13.22	196	135593	43.818 ng		99
44) 2,4,5-Trichlorophenol	13.29	196	149062	42.735 ng		96
46) 1,1'-Biphenyl	13.62	154	513345	40.003 ng		99
47) 2-Chloronaphthalene	13.67	162	380807	39.446 ng		98
48) 2-Nitroaniline	13.87	65	136835	44.106 ng		96
49) Acenaphthylene	14.51	152	640999	40.447 ng		99
50) Dimethylphthalate	14.23	163	508853	39.004 ng		100
51) 2,6-Dinitrotoluene	14.36	165	114953	41.563 ng		99
52) Acenaphthene	14.85	154	375356	39.352 ng		98
53) 3-Nitroaniline	14.70	138	115703	41.617 ng	#	90
54) 2,4-Dinitrophenol	14.90	184	30953	21.837 ng		98
55) Dibenzofuran	15.18	168	619414	39.580 ng		97
56) 4-Nitrophenol	14.98	139	98967	39.793 ng		94
57) 2,4-Dinitrotoluene	15.14	165	166517	42.848 ng		86
58) Fluorene	15.82	166	494492	40.194 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	146797	43.093 ng		98
60) Diethylphthalate	15.58	149	510192	39.504 ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	258994	39.451 ng		98
62) 4-Nitroaniline	15.86	138	123438	40.954 ng		94
63) Azobenzene	16.11	77	473395	40.437 ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69795	32.203 ng		99
66) n-Nitrosodiphenylamine	16.03	169	436610	41.143 ng		98
67) 4-Bromophenyl-phenylether	16.71	248	169100	41.213 ng		98
68) Hexachlorobenzene	16.82	284	173272	40.741 ng		98
69) Atrazine	16.97	200	172318	41.259 ng		96
70) Pentachlorophenol	17.16	266	99172	36.921 ng		98
71) Phenanthrene	17.57	178	803199	39.781 ng		100
72) Anthracene	17.66	178	794852	40.398 ng		97
73) Carbazole	17.93	167	708911	39.967 ng		100
74) Di-n-butylphthalate	18.46	149	843151	40.401 ng		99
75) Fluoranthene	19.57	202	929631	38.959 ng		99
77) Benzidine	19.75	184	469222	41.939 ng		99
78) Pyrene	19.94	202	927837	40.499 ng		99
80) Butylbenzylphthalate	20.80	149	384097	43.273 ng		93
81) Benzo(a)anthracene	21.79	228	897781	40.630 ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	328609	40.733 ng		99
83) Chrysene	21.86	228	866104	40.430 ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	538688	43.188 ng		100
85) Di-n-octyl phthalate	22.91	149	906211	43.879 ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1024434	42.154 ng	#	95
88) Benzo(b)fluoranthene	24.11	252	902265	41.208 ng		98
89) Benzo(k)fluoranthene	24.18	252	820521	40.258 ng		99
90) Benzo(a)pyrene	25.03	252	838616	41.449 ng		99
91) Dibenzo(a,h)anthracene	29.13	278	811448	40.910 ng		99
92) Benzo(g,h,i)perylene	30.29	276	817833	41.054 ng		97

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

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