Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023235.D
Acq On : 23 Jul 2016 4:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 23 04:55:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	140180	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	647301	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	446321	20.00	ng		0.01
63) Phenanthrene-d10	17.57	188	1041984	20.00	ng		0.02
75) Chrysene-d12	21.90	240	1079760	20.00	ng		0.02
86) Perylene-d12	25.31	264	1087749	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	769335	89.76	ng		0.00
7) Phenol-d6	7.30	99	1155156	86.05	ng		0.00
23) Nitrobenzene-d5	9.32	82	1260944	83.41	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	484258	60.37	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	2284515	80.62	ng		0.01
78) Terphenyl-d14	20.18	244	2867323	83.76	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	131950	39.61	ng	#	93
3) Pyridine	3.94	79	464845	40.77	ng		94
4) n-Nitrosodimethylamine	3.86	42	219179	44.81	ng	#	99
6) Aniline	7.46	93	740634	39.81	ng		99
8) 2-Chlorophenol	7.70	128	380192	41.68	ng		99
9) Benzaldehyde	7.27	77	353369	39.39	ng		91
10) Phenol	7.32	94	589442	42.68	ng		90
11) bis(2-Chloroethyl)ether	7.55	93	445693	40.71	ng		91
12) 1,3-Dichlorobenzene	8.03	146	437087	39.15	ng		95
13) 1,4-Dichlorobenzene	8.18	146	445298	39.84	ng		98
14) 1,2-Dichlorobenzene	8.50	146	437022	39.33	ng		95
15) Benzyl Alcohol	8.38	79	455072	37.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	629768	47.09	ng		92
17) 2-Methylphenol	8.59	107	366001	40.71	ng		96
18) Hexachloroethane	9.24	117	191177	40.52	ng		99
19) n-Nitroso-di-n-propylamine	8.95	70	476199	39.35	ng		97
20) 3+4-Methylphenols	8.92	107	503817	40.18	ng		98
22) Acetophenone	8.97	105	744626	38.33	ng	#	96
24) Nitrobenzene	9.37	77	642482	40.00	ng	#	91
25) Isophorone	9.89	82	1146566	37.71	ng		97
26) 2-Nitrophenol	10.08	139	253445	40.21	ng		87
27) 2,4-Dimethylphenol	10.14	122	416585	38.23	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	664063	39.16	ng		99
29) 2,4-Dichlorophenol	10.62	162	442618	38.09	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	489877	36.79	ng		99
31) Naphthalene	11.03	128	1292516	39.23	ng		98
32) Benzoic acid	10.29	122	335695	33.87	ng		95
33) 4-Chloroaniline	11.14	127	600948	37.29	ng		95
34) Hexachlorobutadiene	11.31	225	363252	33.65	ng		97
35) Caprolactam	11.92	113	157665	32.98	ng	#	85
36) 4-Chloro-3-methylphenol	12.26	107	559663	35.21	ng		95
37) 2-Methylnaphthalene	12.63	142	976375	37.49	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	709530	36.89	ng		99
40) Hexachlorocyclopentadiene	12.98	237	495690	44.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	400403	36.22	ng		97
43) 2,4,5-Trichlorophenol	13.32	196	411273	36.23	ng		94
45) 1,1'-Biphenyl	13.64	154	1367875	40.85	ng		98
46) 2-Chloronaphthalene	13.69	162	1119448	41.21	ng		96
47) 2-Nitroaniline	13.89	65	481990	41.58	ng		98
48) Acenaphthylene	14.54	152	1638112	40.20	ng		97
49) Dimethylphthalate	14.26	163	1347181	36.95	ng		97
50) 2,6-Dinitrotoluene	14.38	165	314550	38.39	ng		92
51) Acenaphthene	14.88	154	1060184	39.81	ng		98
52) 3-Nitroaniline	14.72	138	335067	41.01	ng	#	87
53) 2,4-Dinitrophenol	14.92	184	192954	34.32	ng		92
54) Dibenzofuran	15.21	168	1518386	38.09	ng		98
55) 4-Nitrophenol	15.03	139	303844	44.37	ng		93
56) 2,4-Dinitrotoluene	15.18	165	442463	37.04	ng		97
57) Fluorene	15.86	166	1314179	38.31	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.44	232	365613	32.19	ng		93
59) Diethylphthalate	15.62	149	1380650	37.22	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	726902	34.79	ng		97
61) 4-Nitroaniline	15.89	138	366584	41.47	ng	#	76
62) Azobenzene	16.15	77	1497512	42.20	ng		94
64) 4,6-Dinitro-2-methylphenol	15.95	198	291103	37.59	ng		96
65) n-Nitrosodiphenylamine	16.07	169	1212920	40.40	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	478961	35.33	ng		100
67) Hexachlorobenzene	16.87	284	489038	33.18	ng	#	92
68) Atrazine	17.02	200	471134	35.38	ng		96
69) Pentachlorophenol	17.22	266	390797	40.94	ng		99
70) Phenanthrene	17.62	178	2010123	39.36	ng		98
71) Anthracene	17.71	178	2066358	39.96	ng		95
72) Carbazole	17.99	167	1850373	41.41	ng		99
73) Di-n-butylphthalate	18.53	149	2133278	42.93	ng		99
74) Fluoranthene	19.63	202	2324524	37.09	ng		96
76) Benzidine	19.81	184	1520925	49.13	ng		97
77) Pyrene	19.99	202	2390526	39.40	ng		97
79) Butylbenzylphthalate	20.87	149	1084798	45.14	ng		97
80) Benzo(a)anthracene	21.87	228	2369526	39.22	ng		98
81) 3,3'-Dichlorobenzidine	21.79	252	936183	35.30	ng	#	97
82) Chrysene	21.95	228	2251982	39.74	ng		94
83) Bis(2-ethylhexyl)phthalate	21.76	149	1502935	45.03	ng		99
84) Di-n-octyl phthalate	23.03	149	2522563	45.32	ng		98
85) Indeno(1,2,3-cd)pyrene	29.21	276	2578031	35.68	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2459427	39.19	ng	#	96
88) Benzo(k)fluoranthene	24.29	252	2362716	39.67	ng	#	96
89) Benzo(a)pyrene	25.14	252	2350532	39.07	ng	#	96
90) Dibenzo(a,h)anthracene	29.28	278	2225063	37.27	ng	#	96
91) Benzo(g,h,i)perylene	30.44	276	2253791	37.69	ng	#	92

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

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