Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023220.D
Acq On : 22 Jul 2016 17:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 22 23:38:53 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	8.15	152	134780	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	628234	20.00	ng		0.01
38) Acenaphthene-d10	14.82	164	446207	20.00	ng		0.02
63) Phenanthrene-d10	17.58	188	1069031	20.00	ng		0.02
75) Chrysene-d12	21.90	240	1087841	20.00	ng		0.02
86) Perylene-d12	25.31	264	1107579	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	750786	91.11	ng		0.00
7) Phenol-d6	7.30	99	1124770	87.14	ng		0.00
23) Nitrobenzene-d5	9.33	82	1225937	83.56	ng		0.01
41) 2,4,6-Tribromophenol	16.32	330	506189	63.12	ng		0.02
44) 2-Fluorobiphenyl	13.44	172	2273959	80.27	ng		0.02
78) Terphenyl-d14	20.19	244	2915348	85.00	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	129887	40.55	ng		95
3) Pyridine	3.94	79	444791	40.58	ng		97
4) n-Nitrosodimethylamine	3.86	42	199000	42.32	ng	#	87
6) Aniline	7.47	93	717044	40.09	ng		98
8) 2-Chlorophenol	7.71	128	363173	41.41	ng		98
9) Benzaldehyde	7.28	77	347198	40.26	ng		93
10) Phenol	7.33	94	566090	42.63	ng		87
11) bis(2-Chloroethyl)ether	7.56	93	421685	40.06	ng		93
12) 1,3-Dichlorobenzene	8.04	146	426502	39.73	ng		96
13) 1,4-Dichlorobenzene	8.18	146	423676	39.42	ng		97
14) 1,2-Dichlorobenzene	8.51	146	415692	38.91	ng		96
15) Benzyl Alcohol	8.39	79	460648	38.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	591590	46.01	ng		91
17) 2-Methylphenol	8.60	107	349553	40.43	ng		94
18) Hexachloroethane	9.25	117	180041	39.69	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	465281	39.99	ng		96
20) 3+4-Methylphenols	8.92	107	507454	42.09	ng		93
22) Acetophenone	8.98	105	734810	38.97	ng	#	93
24) Nitrobenzene	9.37	77	623042	39.96	ng		94
25) Isophorone	9.89	82	1137068	38.53	ng	#	96
26) 2-Nitrophenol	10.09	139	244046	39.89	ng		89
27) 2,4-Dimethylphenol	10.15	122	403957	38.20	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	649774	39.48	ng		100
29) 2,4-Dichlorophenol	10.63	162	421448	37.37	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	468885	36.28	ng		99
31) Naphthalene	11.04	128	1252827	39.17	ng		98
32) Benzoic acid	10.29	122	340771	35.42	ng		91
33) 4-Chloroaniline	11.15	127	617245	39.47	ng		97
34) Hexachlorobutadiene	11.32	225	353484	33.74	ng		99
35) Caprolactam	11.93	113	170267	36.70	ng		96
36) 4-Chloro-3-methylphenol	12.27	107	563200	36.51	ng		97
37) 2-Methylnaphthalene	12.64	142	952090	37.67	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	688740	35.82	ng		99
40) Hexachlorocyclopentadiene	12.98	237	495383	44.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	400808	36.27	ng		98
43) 2,4,5-Trichlorophenol	13.33	196	406292	35.80	ng		93
45) 1,1'-Biphenyl	13.65	154	1341405	40.07	ng		96
46) 2-Chloronaphthalene	13.70	162	1098392	40.44	ng		98
47) 2-Nitroaniline	13.90	65	491057	42.38	ng		96
48) Acenaphthylene	14.54	152	1664105	40.85	ng		98
49) Dimethylphthalate	14.27	163	1385268	38.01	ng		98
50) 2,6-Dinitrotoluene	14.39	165	321550	39.25	ng		88
51) Acenaphthene	14.88	154	1060981	39.85	ng		100
52) 3-Nitroaniline	14.72	138	350732	42.94	ng		90
53) 2,4-Dinitrophenol	14.94	184	208915	37.17	ng		89
54) Dibenzofuran	15.22	168	1542657	38.71	ng		99
55) 4-Nitrophenol	15.04	139	319602	46.68	ng		94
56) 2,4-Dinitrotoluene	15.18	165	463535	38.82	ng		97
57) Fluorene	15.87	166	1327073	38.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	388518	34.21	ng		95
59) Diethylphthalate	15.63	149	1432495	38.63	ng		98
60) 4-Chlorophenyl-phenylether	15.86	204	757227	36.25	ng		97
61) 4-Nitroaniline	15.90	138	387857	43.88	ng	#	77
62) Azobenzene	16.15	77	1538546	43.37	ng		93
64) 4,6-Dinitro-2-methylphenol	15.95	198	312568	39.34	ng		96
65) n-Nitrosodiphenylamine	16.08	169	1246504	40.47	ng		95
66) 4-Bromophenyl-phenylether	16.76	248	488659	35.13	ng		96
67) Hexachlorobenzene	16.88	284	516870	34.18	ng		97
68) Atrazine	17.02	200	508644	37.23	ng		96
69) Pentachlorophenol	17.23	266	419948	42.88	ng		98
70) Phenanthrene	17.62	178	2083450	39.77	ng		96
71) Anthracene	17.71	178	2133042	40.21	ng		95
72) Carbazole	17.98	167	1913898	41.75	ng		97
73) Di-n-butylphthalate	18.53	149	2211271	43.38	ng		98
74) Fluoranthene	19.63	202	2427269	37.75	ng		96
76) Benzidine	19.81	184	2030344	65.10	ng		93
77) Pyrene	19.99	202	2471674	40.43	ng		96
79) Butylbenzylphthalate	20.87	149	1108685	45.79	ng		98
80) Benzo(a)anthracene	21.88	228	2381790	39.13	ng		98
81) 3,3'-Dichlorobenzidine	21.79	252	1000043	37.43	ng	#	95
82) Chrysene	21.95	228	2287718	40.07	ng		95
83) Bis(2-ethylhexyl)phthalate	21.76	149	1534128	45.63	ng		99
84) Di-n-octyl phthalate	23.04	149	2608887	46.53	ng		99
85) Indeno(1,2,3-cd)pyrene	29.21	276	2688474	36.93	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2532538	39.63	ng	#	97
88) Benzo(k)fluoranthene	24.29	252	2389966	39.41	ng	#	96
89) Benzo(a)pyrene	25.15	252	2409742	39.34	ng	#	97
90) Dibenzo(a,h)anthracene	29.29	278	2270062	37.34	ng	#	91
91) Benzo(g,h,i)perylene	30.44	276	2320852	38.12	ng	#	91

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

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