Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
Data File : BG023967.D
Acq On : 8 Sep 2016 13:24
Operator : UM/SJ
Sample : H4680-29MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-20-12-15FTMSD

Quant Time: Sep 08 14:40:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 05:42:37 2004
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	38802	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	185762	20.00	ng		-0.02
38) Acenaphthene-d10	14.78	164	141921	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	383097	20.00	ng		0.00
75) Chrysene-d12	21.85	240	410472	20.00	ng		0.00
86) Perylene-d12	25.24	264	400269	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	397950	180.06	ng		-0.02
7) Phenol-d6	7.28	99	629586	185.06	ng		-0.01
23) Nitrobenzene-d5	9.29	82	457740	110.01	ng		-0.02
41) 2,4,6-Tribromophenol	16.28	330	390211	152.61	ng		-0.01
44) 2-Fluorobiphenyl	13.39	172	916294	92.57	ng		-0.01
78) Terphenyl-d14	20.14	244	1583059	87.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	41539	45.57	ng		98
3) Pyridine	3.92	79	125451	45.80	ng		96
4) n-Nitrosodimethylamine	3.83	42	78756	54.54	ng	#	93
6) Aniline	7.44	93	211021	46.73	ng		96
8) 2-Chlorophenol	7.68	128	141086	55.10	ng		95
9) Benzaldehyde	7.25	77	23320	9.65	ng	#	79
10) Phenol	7.31	94	218991	61.19	ng		93
11) bis(2-Chloroethyl)ether	7.53	93	139657	49.60	ng		94
12) 1,3-Dichlorobenzene	8.00	146	144135	48.10	ng		97
13) 1,4-Dichlorobenzene	8.15	146	149664	47.14	ng		95
14) 1,2-Dichlorobenzene	8.47	146	141017	47.32	ng		92
15) Benzyl Alcohol	8.37	79	188780	62.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	183660	48.66	ng		91
17) 2-Methylphenol	8.57	107	144543	59.95	ng		97
18) Hexachloroethane	9.20	117	61155	50.03	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	161914	53.87	ng		93
20) 3+4-Methylphenols	8.91	107	203903	60.68	ng		96
22) Acetophenone	8.95	105	227242	47.25	ng	#	97
24) Nitrobenzene	9.33	77	243237	54.36	ng		98
25) Isophorone	9.86	82	420620	52.13	ng		96
26) 2-Nitrophenol	10.06	139	91829	53.98	ng		95
27) 2,4-Dimethylphenol	10.12	122	155835	53.91	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	219435	53.86	ng		94
29) 2,4-Dichlorophenol	10.60	162	178625	58.32	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	171443	51.04	ng		95
31) Naphthalene	11.00	128	471863	49.30	ng		97
32) Benzoic acid	10.25	122	23187	9.88	ng		88
33) 4-Chloroaniline	11.11	127	136778	34.22	ng	#	90
34) Hexachlorobutadiene	11.27	225	124987	49.54	ng		91
35) Caprolactam	11.92	113	61521	56.99	ng		98
36) 4-Chloro-3-methylphenol	12.25	107	220920	53.98	ng		96
37) 2-Methylnaphthalene	12.60	142	383481	52.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	212540	45.12	ng		99
40) Hexachlorocyclopentadiene	12.94	237	257967	89.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	168657	53.65	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	177733	55.93	ng		93
45) 1,1'-Biphenyl	13.61	154	478038	41.88	ng		99
46) 2-Chloronaphthalene	13.65	162	423936	50.59	ng		98
47) 2-Nitroaniline	13.87	65	195457	59.21	ng		98
48) Acenaphthylene	14.50	152	689412	49.35	ng		97
49) Dimethylphthalate	14.23	163	1089988	89.57	ng		98
50) 2,6-Dinitrotoluene	14.36	165	133940	52.14	ng		92
51) Acenaphthene	14.84	154	427947	49.55	ng		98
52) 3-Nitroaniline	14.70	138	109460	45.55	ng		90
53) 2,4-Dinitrophenol	14.92	184	125526	67.91	ng		92
54) Dibenzofuran	15.18	168	723311	53.66	ng		99
55) 4-Nitrophenol	15.03	139	196239	102.64	ng		92
56) 2,4-Dinitrotoluene	15.16	165	200262	53.03	ng		93
57) Fluorene	15.83	166	598107	51.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	190751	59.14	ng		95
59) Diethylphthalate	15.59	149	647340	49.83	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	324753	51.61	ng		96
61) 4-Nitroaniline	15.87	138	127443	52.46	ng		95
62) Azobenzene	16.11	77	727837	57.85	ng		95
64) 4,6-Dinitro-2-methylphenol	15.93	198	131531	49.45	ng		89
65) n-Nitrosodiphenylamine	16.04	169	554462	50.96	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	238311	51.13	ng		100
67) Hexachlorobenzene	16.84	284	242191	44.30	ng		95
68) Atrazine	16.99	200	238856	51.02	ng		95
69) Pentachlorophenol	17.19	266	278692	95.99	ng		98
70) Phenanthrene	17.58	178	1029443	51.65	ng		97
71) Anthracene	17.68	178	1054731	51.88	ng		98
72) Carbazole	17.95	167	920056	49.88	ng		96
73) Di-n-butylphthalate	18.48	149	1080619	49.10	ng		98
74) Fluoranthene	19.59	202	1221260	50.90	ng		96
76) Benzidine	19.78	184	665817	52.38	ng		98
77) Pyrene	19.96	202	1225376	48.54	ng		95
79) Butylbenzylphthalate	20.82	149	496635	51.03	ng		100
80) Benzo(a)anthracene	21.83	228	1209595	52.64	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	310335	33.79	ng	#	97
82) Chrysene	21.90	228	1129897	51.66	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	670541	50.32	ng		95
84) Di-n-octyl phthalate	22.96	149	1117815	51.15	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	1375470	56.80	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1249279	54.94	ng		98
88) Benzo(k)fluoranthene	24.23	252	1154868	51.22	ng		99
89) Benzo(a)pyrene	25.07	252	1188864	55.06	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	1130492	53.24	ng	#	97
91) Benzo(g,h,i)perylene	30.34	276	1149555	56.29	ng	#	98

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

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