Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017250.D
Acq On : 22 May 2015 17:15
Operator : TP/IZ
Sample : PB83443BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83443BS

Quant Time: May 23 01:43:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 00:52:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29972	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	128809	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	77535	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	171505	20.00	ng		0.00
75) Chrysene-d12	21.27	240	197218	20.00	ng		0.00
86) Perylene-d12	23.51	264	191060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	26182	15.50	ng		0.00
7) Phenol-d6	6.89	99	35655	15.04	ng		0.00
23) Nitrobenzene-d5	8.84	82	25156	9.12	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	13033	13.91	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	53853	10.19	ng		0.00
78) Terphenyl-d14	19.71	244	86623	9.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	7634	11.45	ng	#	86
3) Pyridine	3.55	79	20092	9.96	ng		95
4) n-Nitrosodimethylamine	3.47	42	12529	8.19	ng	#	86
6) Aniline	7.01	93	30423	9.28	ng		96
8) 2-Chlorophenol	7.26	128	19143	9.47	ng		95
9) Benzaldehyde	6.82	77	14491	7.40	ng		91
10) Phenol	6.91	94	24338	9.68	ng		90
11) bis(2-Chloroethyl)ether	7.11	93	18965	10.06	ng		87
12) 1,3-Dichlorobenzene	7.57	146	20896	9.26	ng		94
13) 1,4-Dichlorobenzene	7.72	146	20740	9.10	ng		94
14) 1,2-Dichlorobenzene	8.03	146	21001	9.65	ng	#	84
15) Benzyl Alcohol	7.93	79	20701	8.99	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	33084	10.82	ng		94
17) 2-Methylphenol	8.15	107	17061	9.36	ng		94
18) Hexachloroethane	8.75	117	8706	9.15	ng	#	82
19) n-Nitroso-di-n-propylamine	8.49	70	18468	8.94	ng		88
20) 3+4-Methylphenols	8.48	107	21952	8.67	ng		92
22) Acetophenone	8.50	105	30256	9.68	ng	#	98
24) Nitrobenzene	8.88	77	26287	9.74	ng	#	93
25) Isophorone	9.40	82	46120	9.07	ng		94
26) 2-Nitrophenol	9.59	139	10670	8.84	ng	#	93
27) 2,4-Dimethylphenol	9.67	122	17067	8.59	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	24453	9.88	ng		93
29) 2,4-Dichlorophenol	10.14	162	17788	9.49	ng		94
30) 1,2,4-Trichlorobenzene	10.34	180	19509	9.18	ng		98
31) Naphthalene	10.52	128	61148	9.70	ng		96
32) Benzoic acid	9.78	122	7588m	5.64	ng		
33) 4-Chloroaniline	10.64	127	27775	9.32	ng		99
34) Hexachlorobutadiene	10.80	225	12339	9.17	ng		96
35) Caprolactam	11.46	113	7558	8.02	ng		94
36) 4-Chloro-3-methylphenol	11.79	107	22011	9.30	ng		98
37) 2-Methylnaphthalene	12.14	142	45242	9.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	21353	9.73	ng	#	90
40) Hexachlorocyclopentadiene	12.50	237	166800	124.65	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	14303	9.19	ng		96
43) 2,4,5-Trichlorophenol	12.85	196	15412	9.61	ng		96
45) 1,1'-Biphenyl	13.16	154	57050	10.22	ng		97
46) 2-Chloronaphthalene	13.20	162	45970	10.40	ng		96
47) 2-Nitroaniline	13.41	65	16770	9.75	ng		92
48) Acenaphthylene	14.05	152	73402	9.69	ng		97
49) Dimethylphthalate	13.79	163	57102	9.42	ng		98
50) 2,6-Dinitrotoluene	13.92	165	12092	9.00	ng		88
51) Acenaphthene	14.40	154	45013	10.06	ng		98
52) 3-Nitroaniline	14.25	138	13623	9.14	ng		90
53) 2,4-Dinitrophenol	14.46	184	91542	117.36	ng		95
54) Dibenzofuran	14.73	168	66891	10.06	ng		97
55) 4-Nitrophenol	14.61	139	133261	111.03	ng		93
56) 2,4-Dinitrotoluene	14.71	165	18213	9.72	ng	#	98
57) Fluorene	15.38	166	57188	9.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	15145	10.29	ng		97
59) Diethylphthalate	15.16	149	60458	9.28	ng		94
60) 4-Chlorophenyl-phenylether	15.38	204	28903	9.56	ng		96
61) 4-Nitroaniline	15.41	138	16401	9.86	ng		91
62) Azobenzene	15.67	77	65808	10.58	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	10252	8.72	ng		84
65) n-Nitrosodiphenylamine	15.60	169	50462	9.58	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	18089	9.67	ng		94
67) Hexachlorobenzene	16.39	284	18402	9.32	ng		99
68) Atrazine	16.55	200	18743	9.73	ng		97
69) Pentachlorophenol	16.74	266	127431	103.42	ng		94
70) Phenanthrene	17.12	178	86325	9.76	ng		97
71) Anthracene	17.21	178	88371	9.86	ng		97
72) Carbazole	17.49	167	85048	10.33	ng		98
73) Di-n-butylphthalate	18.05	149	109070	9.90	ng		99
74) Fluoranthene	19.14	202	109249	10.29	ng		98
76) Benzidine	19.34	184	726694	112.86	ng		97
77) Pyrene	19.51	202	113505	9.38	ng		98
79) Butylbenzylphthalate	20.41	149	52373	9.52	ng		95
80) Benzo(a)anthracene	21.25	228	109745	9.71	ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	41893	9.58	ng		91
82) Chrysene	21.30	228	105115m	9.99	ng		
83) Bis(2-ethylhexyl)phthalate	21.19	149	75801	9.69	ng		97
84) Di-n-octyl phthalate	22.06	149	127978	9.83	ng		100
85) Indeno(1,2,3-cd)pyrene	25.81	276	115772	9.19	ng	#	96
87) Benzo(b)fluoranthene	22.84	252	106798	9.59	ng		98
88) Benzo(k)fluoranthene	22.88	252	106157	10.04	ng		96
89) Benzo(a)pyrene	23.41	252	102137	9.99	ng	#	96
90) Dibenzo(a,h)anthracene	25.82	278	99602	9.49	ng		95
91) Benzo(g,h,i)perylene	26.51	276	94908	9.60	ng	#	96

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

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