Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017252.D
Acq On : 22 May 2015 18:56
Operator : TP/IZ
Sample : PB83498BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83498BS

Quant Time: May 23 01:48:08 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	7.69	152	25023	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	108399	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	64563	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	141170	20.00	ng		0.00
75) Chrysene-d12	21.27	240	163139	20.00	ng		0.00
86) Perylene-d12	23.52	264	155612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	21186	15.02	ng		0.00
7) Phenol-d6	6.88	99	31192	15.76	ng		0.00
23) Nitrobenzene-d5	8.83	82	22093	9.52	ng		-0.01
41) 2,4,6-Tribromophenol	15.82	330	10436	13.37	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	45261	10.29	ng		0.00
78) Terphenyl-d14	19.71	244	73242	9.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	6049	10.87	ng		97
3) Pyridine	3.55	79	17082	10.15	ng		94
4) n-Nitrosodimethylamine	3.47	42	11230	8.79	ng	#	86
6) Aniline	7.01	93	27119	9.90	ng	#	87
8) 2-Chlorophenol	7.25	128	16033	9.50	ng		98
9) Benzaldehyde	6.82	77	9843	5.91	ng		87
10) Phenol	6.91	94	21800	10.39	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	17649	11.21	ng		93
12) 1,3-Dichlorobenzene	7.57	146	18690	9.92	ng		93
13) 1,4-Dichlorobenzene	7.72	146	19330	10.16	ng		89
14) 1,2-Dichlorobenzene	8.03	146	17794	9.79	ng		94
15) Benzyl Alcohol	7.93	79	18226	9.48	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.22	45	29038	11.38	ng		96
17) 2-Methylphenol	8.15	107	15093	9.92	ng	#	89
18) Hexachloroethane	8.75	117	8688	10.94	ng		89
19) n-Nitroso-di-n-propylamine	8.48	70	15787	9.15	ng	#	90
20) 3+4-Methylphenols	8.47	107	19181	9.07	ng		97
22) Acetophenone	8.50	105	26965	10.25	ng	#	99
24) Nitrobenzene	8.88	77	22088	9.72	ng		97
25) Isophorone	9.40	82	39719	9.28	ng	#	95
26) 2-Nitrophenol	9.59	139	9488	9.34	ng		92
27) 2,4-Dimethylphenol	9.67	122	15336	9.18	ng		87
28) bis(2-Chloroethoxy)methane	9.89	93	20934	10.05	ng		94
29) 2,4-Dichlorophenol	10.14	162	14471	9.18	ng		95
30) 1,2,4-Trichlorobenzene	10.34	180	17279	9.66	ng		99
31) Naphthalene	10.52	128	54080	10.20	ng		96
32) Benzoic acid	9.76	122	6243	5.51	ng		95
33) 4-Chloroaniline	10.64	127	23369	9.31	ng		97
34) Hexachlorobutadiene	10.81	225	11342	10.01	ng		90
35) Caprolactam	11.46	113	6792	8.57	ng	#	89
36) 4-Chloro-3-methylphenol	11.79	107	18589	9.33	ng		97
37) 2-Methylnaphthalene	12.14	142	39960	9.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	19328	10.58	ng	#	89
40) Hexachlorocyclopentadiene	12.49	237	140103	125.74	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	12253	9.46	ng		96
43) 2,4,5-Trichlorophenol	12.85	196	12741	9.54	ng		87
45) 1,1'-Biphenyl	13.16	154	49737	10.70	ng		96
46) 2-Chloronaphthalene	13.20	162	39182	10.64	ng		99
47) 2-Nitroaniline	13.42	65	14478	10.11	ng		92
48) Acenaphthylene	14.05	152	63256	10.03	ng		98
49) Dimethylphthalate	13.79	163	49794	9.86	ng	#	95
50) 2,6-Dinitrotoluene	13.91	165	10440	9.33	ng		97
51) Acenaphthene	14.40	154	37943	10.19	ng		96
52) 3-Nitroaniline	14.24	138	11923	9.61	ng	#	95
53) 2,4-Dinitrophenol	14.46	184	75176	115.74	ng		97
54) Dibenzofuran	14.73	168	58087	10.49	ng		97
55) 4-Nitrophenol	14.60	139	113617	113.69	ng		93
56) 2,4-Dinitrotoluene	14.70	165	15715	10.07	ng		97
57) Fluorene	15.38	166	50141	10.23	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.97	232	12826	10.47	ng	#	98
59) Diethylphthalate	15.16	149	51519	9.50	ng		97
60) 4-Chlorophenyl-phenylether	15.38	204	25767	10.23	ng		96
61) 4-Nitroaniline	15.41	138	13477	9.73	ng	#	83
62) Azobenzene	15.67	77	54799	10.58	ng		98
64) 4,6-Dinitro-2-methylphenol	15.47	198	7760	8.02	ng		86
65) n-Nitrosodiphenylamine	15.60	169	42722	9.86	ng		97
66) 4-Bromophenyl-phenylether	16.27	248	15167	9.85	ng		98
67) Hexachlorobenzene	16.38	284	15839	9.75	ng		97
68) Atrazine	16.55	200	16499	10.41	ng		89
69) Pentachlorophenol	16.74	266	104551	103.08	ng		95
70) Phenanthrene	17.12	178	74248	10.20	ng		99
71) Anthracene	17.21	178	77564	10.51	ng		97
72) Carbazole	17.49	167	72623	10.71	ng		97
73) Di-n-butylphthalate	18.05	149	91486	10.09	ng		98
74) Fluoranthene	19.14	202	92535	10.59	ng		97
76) Benzidine	19.34	184	626149	117.55	ng		98
77) Pyrene	19.51	202	97916	9.78	ng		96
79) Butylbenzylphthalate	20.41	149	45306	9.96	ng		96
80) Benzo(a)anthracene	21.25	228	94982	10.16	ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	36187	10.00	ng		94
82) Chrysene	21.30	228	91114	10.46	ng		96
83) Bis(2-ethylhexyl)phthalate	21.18	149	65646	10.15	ng		97
84) Di-n-octyl phthalate	22.06	149	111393	10.34	ng		99
85) Indeno(1,2,3-cd)pyrene	25.81	276	98935	9.49	ng		96
87) Benzo(b)fluoranthene	22.83	252	93077	10.26	ng		99
88) Benzo(k)fluoranthene	22.88	252	90997m	10.57	ng		
89) Benzo(a)pyrene	23.42	252	87407	10.49	ng	#	95
90) Dibenzo(a,h)anthracene	25.82	278	83926	9.81	ng		97
91) Benzo(g,h,i)perylene	26.51	276	80412	9.99	ng	#	94

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

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