Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017306.D
Acq On : 27 May 2015 17:26
Operator : TP/IZ
Sample : PB83579BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83579BSD

Quant Time: May 28 03:31:44 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25995	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	104971	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	68531	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	169764	20.00	ng		0.00
75) Chrysene-d12	21.25	240	195563	20.00	ng		-0.01
86) Perylene-d12	23.50	264	190571	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	27673	18.89	ng		0.00
7) Phenol-d6	6.86	99	35764	17.39	ng		0.00
23) Nitrobenzene-d5	8.82	82	24103	10.72	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	14695	17.74	ng		-0.01
44) 2-Fluorobiphenyl	12.93	172	51888	11.11	ng		0.00
78) Terphenyl-d14	19.70	244	96758	10.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	3972	6.87	ng		97
3) Pyridine	3.53	79	9840	5.63	ng		96
4) n-Nitrosodimethylamine	3.45	42	6457	4.86	ng	#	70
6) Aniline	6.99	93	9848	3.46	ng	#	85
8) 2-Chlorophenol	7.23	128	9095	5.19	ng		97
9) Benzaldehyde	6.81	77	3974	2.08	ng	#	78
10) Phenol	6.89	94	13204	6.06	ng		97
11) bis(2-Chloroethyl)ether	7.09	93	9058	5.54	ng		94
12) 1,3-Dichlorobenzene	7.54	146	10970	5.60	ng		99
13) 1,4-Dichlorobenzene	7.69	146	11646	5.89	ng	#	86
14) 1,2-Dichlorobenzene	8.01	146	10232	5.42	ng		93
15) Benzyl Alcohol	7.91	79	9259	4.63	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	15641	5.90	ng		92
17) 2-Methylphenol	8.13	107	8346	5.28	ng		96
18) Hexachloroethane	8.74	117	4730	5.73	ng	#	81
19) n-Nitroso-di-n-propylamine	8.47	70	7659	4.28	ng	#	90
20) 3+4-Methylphenols	8.46	107	11135	5.07	ng		82
22) Acetophenone	8.49	105	14497	5.69	ng	#	88
24) Nitrobenzene	8.86	77	12669	5.76	ng		93
25) Isophorone	9.38	82	19712	4.76	ng		98
26) 2-Nitrophenol	9.57	139	4750	4.83	ng	#	86
27) 2,4-Dimethylphenol	9.65	122	9154	5.66	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	11044	5.47	ng		93
29) 2,4-Dichlorophenol	10.13	162	9046	5.92	ng		85
30) 1,2,4-Trichlorobenzene	10.32	180	9340	5.39	ng		88
31) Naphthalene	10.50	128	29707	5.78	ng		97
32) Benzoic acid	9.76	122	3502m	3.19	ng		
33) 4-Chloroaniline	10.62	127	9326	3.84	ng	#	91
34) Hexachlorobutadiene	10.79	225	6535	5.96	ng		93
35) Caprolactam	11.37	113	3647	4.75	ng	#	88
36) 4-Chloro-3-methylphenol	11.78	107	11139	5.77	ng		97
37) 2-Methylnaphthalene	12.13	142	20918	5.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	11006	5.68	ng		97
40) Hexachlorocyclopentadiene	12.47	237	9961	8.42	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	7511	5.46	ng		91
43) 2,4,5-Trichlorophenol	12.84	196	8205	5.79	ng		89
45) 1,1'-Biphenyl	13.15	154	28943	5.86	ng		100
46) 2-Chloronaphthalene	13.18	162	21175	5.42	ng		98
47) 2-Nitroaniline	13.40	65	7943	5.22	ng		92
48) Acenaphthylene	14.04	152	37154	5.55	ng		95
49) Dimethylphthalate	13.78	163	27993	5.22	ng	#	95
50) 2,6-Dinitrotoluene	13.90	165	6211	5.23	ng		97
51) Acenaphthene	14.38	154	22053	5.58	ng		93
52) 3-Nitroaniline	14.24	138	5907	4.48	ng	#	93
53) 2,4-Dinitrophenol	14.45	184	3901	5.66	ng	#	75
54) Dibenzofuran	14.72	168	34882	5.93	ng		98
55) 4-Nitrophenol	14.59	139	10135	9.55	ng		97
56) 2,4-Dinitrotoluene	14.69	165	8623	5.21	ng	#	96
57) Fluorene	15.37	166	28728	5.52	ng		91
58) 2,3,4,6-Tetrachlorophenol	14.96	232	7954	6.12	ng	#	93
59) Diethylphthalate	15.15	149	30992	5.38	ng		97
60) 4-Chlorophenyl-phenylether	15.36	204	15029	5.62	ng		94
61) 4-Nitroaniline	15.40	138	7681	5.23	ng		90
62) Azobenzene	15.66	77	32965	5.99	ng		94
64) 4,6-Dinitro-2-methylphenol	15.46	198	3926	3.37	ng		95
65) n-Nitrosodiphenylamine	15.58	169	25301	4.85	ng		97
66) 4-Bromophenyl-phenylether	16.26	248	9321	5.03	ng		94
67) Hexachlorobenzene	16.37	284	10923	5.59	ng		91
68) Atrazine	16.54	200	11170	5.86	ng		87
69) Pentachlorophenol	16.73	266	9264	7.60	ng		93
70) Phenanthrene	17.11	178	49535	5.66	ng		98
71) Anthracene	17.20	178	49908	5.63	ng		93
72) Carbazole	17.48	167	46503	5.70	ng		98
73) Di-n-butylphthalate	18.04	149	61364	5.63	ng		97
74) Fluoranthene	19.13	202	59654	5.67	ng		96
76) Benzidine	19.32	184	26803	4.20	ng	#	93
77) Pyrene	19.49	202	63355	5.28	ng		99
79) Butylbenzylphthalate	20.39	149	28555	5.23	ng		95
80) Benzo(a)anthracene	21.24	228	64554	5.76	ng		99
81) 3,3'-Dichlorobenzidine	21.18	252	18456	4.26	ng	#	97
82) Chrysene	21.29	228	59199	5.67	ng		96
83) Bis(2-ethylhexyl)phthalate	21.17	149	40699	5.25	ng		95
84) Di-n-octyl phthalate	22.04	149	68267	5.29	ng	#	98
85) Indeno(1,2,3-cd)pyrene	25.78	276	64694	5.18	ng		97
87) Benzo(b)fluoranthene	22.81	252	59310	5.34	ng		97
88) Benzo(k)fluoranthene	22.86	252	60909	5.78	ng		96
89) Benzo(a)pyrene	23.40	252	55580	5.45	ng	#	98
90) Dibenzo(a,h)anthracene	25.79	278	53499	5.11	ng	#	95
91) Benzo(g,h,i)perylene	26.49	276	52798	5.36	ng		93

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

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