Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021744.D
Acq On : 18 Apr 2016 18:58
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER2016-02

Quant Time: Apr 19 04:08:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	29105	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	122554	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	72524	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	171541	20.00	ng		-0.01
75) Chrysene-d12	21.83	240	205417	20.00	ng		0.00
86) Perylene-d12	25.16	264	198069	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	262129	149.98	ng		0.00
7) Phenol-d6	7.36	99	362497	138.85	ng		0.00
23) Nitrobenzene-d5	9.38	82	218792	91.76	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	125297	160.30	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	486769	98.34	ng		-0.01
78) Terphenyl-d14	20.14	244	753145	91.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	10986	14.12	ng	#	82
3) Pyridine	4.03	79	32766	14.03	ng		91
4) n-Nitrosodimethylamine	3.94	42	17132	14.81	ng	#	72
6) Aniline	7.53	93	29065	8.42	ng		91
8) 2-Chlorophenol	7.78	128	37316	17.81	ng		91
9) Benzaldehyde	7.34	77	33546	22.22	ng		95
10) Phenol	7.39	94	49254	17.54	ng		95
11) bis(2-Chloroethyl)ether	7.62	93	35492	15.79	ng		90
12) 1,3-Dichlorobenzene	8.10	146	38576	16.49	ng		97
13) 1,4-Dichlorobenzene	8.25	146	38812m	16.29	ng		
14) 1,2-Dichlorobenzene	8.57	146	37511	16.41	ng		97
15) Benzyl Alcohol	8.45	79	34837	17.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	66832	13.88	ng		98
17) 2-Methylphenol	8.65	107	33042	17.02	ng		90
18) Hexachloroethane	9.30	117	14684	16.94	ng	#	77
19) n-Nitroso-di-n-propylamine	9.01	70	30089	14.83	ng	#	93
20) 3+4-Methylphenols	8.97	107	46150	17.37	ng		98
22) Acetophenone	9.03	105	56417	16.53	ng	#	97
24) Nitrobenzene	9.42	77	42808	16.77	ng		93
25) Isophorone	9.94	82	82780	15.86	ng		97
26) 2-Nitrophenol	10.13	139	19460	19.97	ng	#	95
27) 2,4-Dimethylphenol	10.18	122	36281	16.39	ng		96
28) bis(2-Chloroethoxy)methane	10.42	93	49219	17.75	ng		92
29) 2,4-Dichlorophenol	10.67	162	36814	19.50	ng		97
30) 1,2,4-Trichlorobenzene	10.88	180	37060	18.26	ng		92
31) Naphthalene	11.08	128	115228	17.57	ng	#	95
32) Benzoic acid	10.26	122	7713	11.07	ng		95
33) 4-Chloroaniline	11.18	127	22851	8.05	ng		96
34) Hexachlorobutadiene	11.35	225	23355	17.84	ng		97
35) Caprolactam	11.94	113	13872	16.06	ng		94
36) 4-Chloro-3-methylphenol	12.28	107	41693	17.56	ng		99
37) 2-Methylnaphthalene	12.66	142	80916	17.97	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	41560	18.34	ng		97
40) Hexachlorocyclopentadiene	13.00	237	25111	19.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	27660	19.14	ng		98
43) 2,4,5-Trichlorophenol	13.33	196	29563	18.96	ng		96
45) 1,1'-Biphenyl	13.66	154	107178	17.54	ng		99
46) 2-Chloronaphthalene	13.70	162	80744	17.87	ng		96
47) 2-Nitroaniline	13.90	65	28648	18.49	ng		98
48) Acenaphthylene	14.54	152	132686	17.77	ng		99
49) Dimethylphthalate	14.26	163	107482	17.14	ng	#	99
50) 2,6-Dinitrotoluene	14.39	165	22965	19.21	ng		98
51) Acenaphthene	14.88	154	82547	17.29	ng		97
52) 3-Nitroaniline	14.71	138	15170	11.44	ng		98
53) 2,4-Dinitrophenol	14.92	184	4861	17.04	ng		91
54) Dibenzofuran	15.21	168	129934	19.93	ng		98
55) 4-Nitrophenol	15.02	139	20013	17.63	ng		96
56) 2,4-Dinitrotoluene	15.17	165	32115	19.87	ng	#	93
57) Fluorene	15.86	166	104493	17.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	26152	20.21	ng	#	98
59) Diethylphthalate	15.61	149	111823	17.09	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	51593	17.99	ng		94
61) 4-Nitroaniline	15.87	138	26864	18.41	ng		96
62) Azobenzene	16.14	77	104156	18.57	ng		98
64) 4,6-Dinitro-2-methylphenol	15.92	198	11779	20.03	ng		90
65) n-Nitrosodiphenylamine	16.06	169	94863	18.44	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	33769	18.37	ng		94
67) Hexachlorobenzene	16.86	284	34908	17.99	ng		94
68) Atrazine	16.99	200	37301	18.36	ng		94
69) Pentachlorophenol	17.20	266	10891	9.83	ng		96
70) Phenanthrene	17.59	178	172570	18.25	ng		99
71) Anthracene	17.69	178	175226	18.26	ng		99
72) Carbazole	17.95	167	168478	18.81	ng		99
73) Di-n-butylphthalate	18.49	149	206148	18.09	ng		99
74) Fluoranthene	19.59	202	210103	18.61	ng		100
76) Benzidine	19.76	184	37719	5.90	ng		97
77) Pyrene	19.95	202	215914	18.23	ng		98
79) Butylbenzylphthalate	20.82	149	95873	17.44	ng		98
80) Benzo(a)anthracene	21.81	228	216316	18.30	ng		99
81) 3,3'-Dichlorobenzidine	21.71	252	33482	3.58	ng		96
82) Chrysene	21.88	228	204350	17.99	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	137963	17.16	ng		100
84) Di-n-octyl phthalate	22.94	149	237740	17.65	ng		97
85) Indeno(1,2,3-cd)pyrene	28.97	276	234687	17.38	ng		98
87) Benzo(b)fluoranthene	24.09	252	207424	18.05	ng		98
88) Benzo(k)fluoranthene	24.16	252	202750	18.04	ng		98
89) Benzo(a)pyrene	25.00	252	202161	18.15	ng		97
90) Dibenzo(a,h)anthracene	29.03	278	198706	17.80	ng		99
91) Benzo(g,h,i)perylene	30.16	276	196647	17.95	ng		97

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

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