Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021516\
Data File : BG020906.D
Acq On : 15 Feb 2016 16:15
Operator : SJ/UM
Sample : G4825-06
Misc : LOQ 20PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER2016-02

Quant Time: Feb 16 00:15:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	21214	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	102161	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	61473	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	133051	20.00	ng		0.00
75) Chrysene-d12	21.89	240	125209	20.00	ng		-0.01
86) Perylene-d12	25.28	264	117614	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	200214	158.94	ng		0.00
7) Phenol-d6	7.41	99	283305	153.87	ng		0.00
23) Nitrobenzene-d5	9.44	82	152568	98.19	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	102499	169.55	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	414212	94.65	ng		0.00
78) Terphenyl-d14	20.20	244	553502	103.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	7147	15.60	ng	#	92
3) Pyridine	4.05	79	20751	15.32	ng		98
4) n-Nitrosodimethylamine	3.96	42	6094	17.19	ng		95
6) Aniline	7.58	93	41328	18.00	ng		99
8) 2-Chlorophenol	7.83	128	29897	19.00	ng		97
9) Benzaldehyde	7.40	77	20688	22.43	ng		98
10) Phenol	7.44	94	37837	19.42	ng		98
11) bis(2-Chloroethyl)ether	7.67	93	26662	17.13	ng		97
12) 1,3-Dichlorobenzene	8.15	146	28412	17.08	ng		95
13) 1,4-Dichlorobenzene	8.30	146	29018	17.20	ng		99
14) 1,2-Dichlorobenzene	8.62	146	28491	17.36	ng		98
15) Benzyl Alcohol	8.50	79	21946	18.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.79	45	26563	16.36	ng		99
17) 2-Methylphenol	8.70	107	26386	18.80	ng		95
18) Hexachloroethane	9.36	117	9879	17.03	ng		96
19) n-Nitroso-di-n-propylamine	9.06	70	19928	16.77	ng		97
20) 3+4-Methylphenols	9.02	107	36800	18.81	ng		99
22) Acetophenone	9.09	105	40529	16.46	ng	#	96
24) Nitrobenzene	9.48	77	28935	17.87	ng		98
25) Isophorone	10.00	82	57764	17.64	ng		99
26) 2-Nitrophenol	10.19	139	15259	17.90	ng		98
27) 2,4-Dimethylphenol	10.24	122	29926	18.32	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	37890	18.77	ng		99
29) 2,4-Dichlorophenol	10.73	162	28970	19.79	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	26915	18.25	ng		96
31) Naphthalene	11.14	128	96676	18.29	ng		97
32) Benzoic acid	10.32	122	13103	10.00	ng		97
33) 4-Chloroaniline	11.24	127	43720	19.23	ng		98
34) Hexachlorobutadiene	11.42	225	13790	18.35	ng		99
35) Caprolactam	12.00	113	11165	19.91	ng		97
36) 4-Chloro-3-methylphenol	12.34	107	31514	18.79	ng		96
37) 2-Methylnaphthalene	12.73	142	72492	19.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	29182	16.18	ng		98
40) Hexachlorocyclopentadiene	13.07	237	13618	17.17	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	22595	18.65	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	24591	19.31	ng		96
45) 1,1'-Biphenyl	13.72	154	89104	16.43	ng		99
46) 2-Chloronaphthalene	13.76	162	68899	17.75	ng		96
47) 2-Nitroaniline	13.96	65	17172	18.47	ng		97
48) Acenaphthylene	14.60	152	122548	18.15	ng		97
49) Dimethylphthalate	14.32	163	89639	18.65	ng		99
50) 2,6-Dinitrotoluene	14.45	165	19151	18.59	ng		97
51) Acenaphthene	14.95	154	73046	17.84	ng		96
52) 3-Nitroaniline	14.77	138	23683	19.79	ng		100
53) 2,4-Dinitrophenol	14.98	184	3969	16.55	ng		87
54) Dibenzofuran	15.27	168	111680	20.63	ng		100
55) 4-Nitrophenol	15.07	139	16649	18.42	ng		96
56) 2,4-Dinitrotoluene	15.23	165	26986	20.27	ng		99
57) Fluorene	15.92	166	94442	18.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	20834	21.47	ng		98
59) Diethylphthalate	15.67	149	94539	19.13	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	40597	18.33	ng		96
61) 4-Nitroaniline	15.93	138	23469	19.53	ng		98
62) Azobenzene	16.20	77	78444	20.19	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	8114	16.14	ng		95
65) n-Nitrosodiphenylamine	16.12	169	79205	18.43	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	25153	17.90	ng		96
67) Hexachlorobenzene	16.92	284	26868	17.97	ng		98
68) Atrazine	17.05	200	25501	19.55	ng		99
69) Pentachlorophenol	17.26	266	11979	13.97	ng		99
70) Phenanthrene	17.66	178	143013	18.88	ng		99
71) Anthracene	17.75	178	142417	18.52	ng		99
72) Carbazole	18.01	167	132766	19.24	ng		99
73) Di-n-butylphthalate	18.55	149	161074	18.21	ng		98
74) Fluoranthene	19.65	202	152885	18.68	ng		98
76) Benzidine	19.82	184	66148	16.34	ng		98
77) Pyrene	20.01	202	158464	19.19	ng		99
79) Butylbenzylphthalate	20.88	149	70974	17.95	ng		98
80) Benzo(a)anthracene	21.88	228	142459	19.06	ng		99
81) 3,3'-Dichlorobenzidine	21.78	252	37790	13.62	ng		98
82) Chrysene	21.95	228	127052	18.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	102100	17.42	ng		100
84) Di-n-octyl phthalate	23.03	149	172934	17.97	ng		100
85) Indeno(1,2,3-cd)pyrene	29.15	276	143157	17.71	ng	#	90
87) Benzo(b)fluoranthene	24.20	252	138036	19.18	ng		99
88) Benzo(k)fluoranthene	24.27	252	134724	19.10	ng		99
89) Benzo(a)pyrene	25.11	252	130769	19.07	ng		100
90) Dibenzo(a,h)anthracene	29.21	278	117819	17.67	ng		99
91) Benzo(g,h,i)perylene	30.36	276	112721	17.03	ng		97

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

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