Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023084.D
Acq On : 14 Jul 2016 1:52
Operator : UM/SJ
Sample : PB92013BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92013BS

Quant Time: Jul 14 04:45:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103372	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	510909	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	403973	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	984668	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1029381	20.00	ng		0.02
86) Perylene-d12	25.25	264	1024585	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	844355	133.59	ng		0.00
7) Phenol-d6	7.31	99	1324000	133.75	ng		0.00
23) Nitrobenzene-d5	9.33	82	915374	76.72	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	721324	99.35	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1916934	74.74	ng		0.00
78) Terphenyl-d14	20.16	244	2748447	84.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	125750	51.19	ng		97
3) Pyridine	3.97	79	257285	30.60	ng		96
4) n-Nitrosodimethylamine	3.88	42	138164	38.31	ng	#	91
6) Aniline	7.47	93	352718	25.71	ng		98
8) 2-Chlorophenol	7.72	128	305777	45.46	ng		97
9) Benzaldehyde	7.28	77	121230	18.33	ng		92
10) Phenol	7.34	94	471718	46.31	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	313953	38.89	ng		91
12) 1,3-Dichlorobenzene	8.04	146	297905	36.18	ng		98
13) 1,4-Dichlorobenzene	8.19	146	305608	37.08	ng		97
14) 1,2-Dichlorobenzene	8.51	146	303186	37.00	ng		97
15) Benzyl Alcohol	8.39	79	415991	45.88	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	390757	39.63	ng		96
17) 2-Methylphenol	8.60	107	310803	46.88	ng		97
18) Hexachloroethane	9.25	117	130530	37.51	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	340183	38.12	ng		99
20) 3+4-Methylphenols	8.93	107	430269	46.53	ng		99
22) Acetophenone	8.98	105	551191	35.95	ng	#	93
24) Nitrobenzene	9.37	77	487186	38.43	ng		92
25) Isophorone	9.89	82	893501	37.23	ng		98
26) 2-Nitrophenol	10.09	139	195814	39.36	ng		88
27) 2,4-Dimethylphenol	10.14	122	342820	39.86	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	494850	36.97	ng		99
29) 2,4-Dichlorophenol	10.63	162	391344	42.67	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	374217	35.60	ng		98
31) Naphthalene	11.03	128	950537	36.55	ng		98
32) Benzoic acid	10.28	122	251129	32.10	ng		94
33) 4-Chloroaniline	11.14	127	187842	14.77	ng		92
34) Hexachlorobutadiene	11.31	225	287097	33.70	ng		96
35) Caprolactam	11.92	113	135786m	35.98	ng		
36) 4-Chloro-3-methylphenol	12.27	107	485995	38.74	ng		96
37) 2-Methylnaphthalene	12.63	142	771559	37.53	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	508334	29.20	ng		98
40) Hexachlorocyclopentadiene	12.97	237	661029	65.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	371209	37.10	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	404019	39.32	ng		96
45) 1,1'-Biphenyl	13.63	154	1115095	36.79	ng		98
46) 2-Chloronaphthalene	13.68	162	920390	37.43	ng		97
47) 2-Nitroaniline	13.88	65	404789	38.58	ng		96
48) Acenaphthylene	14.53	152	1377834	37.36	ng		99
49) Dimethylphthalate	14.25	163	1230080	37.28	ng		97
50) 2,6-Dinitrotoluene	14.37	165	285605	38.51	ng		88
51) Acenaphthene	14.87	154	904802	37.54	ng		99
52) 3-Nitroaniline	14.71	138	168950	22.85	ng	#	87
53) 2,4-Dinitrophenol	14.91	184	363680	71.47	ng		97
54) Dibenzofuran	15.20	168	1462714	40.54	ng		100
55) 4-Nitrophenol	15.02	139	441743	71.26	ng		96
56) 2,4-Dinitrotoluene	15.16	165	430068	39.78	ng		96
57) Fluorene	15.85	166	1196317	38.53	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	419191	40.78	ng	#	99
59) Diethylphthalate	15.61	149	1290684	38.44	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	687490	36.35	ng		98
61) 4-Nitroaniline	15.88	138	283312	35.41	ng	#	85
62) Azobenzene	16.13	77	1414917	44.06	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	266045	36.35	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1109223	39.10	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	469498	36.65	ng		91
67) Hexachlorobenzene	16.86	284	497802	35.74	ng		97
68) Atrazine	17.00	200	470983	37.43	ng		97
69) Pentachlorophenol	17.21	266	635712	70.47	ng		98
70) Phenanthrene	17.60	178	1888711	39.14	ng		97
71) Anthracene	17.69	178	1937828	39.66	ng		97
72) Carbazole	17.96	167	1685244	39.91	ng		99
73) Di-n-butylphthalate	18.50	149	1992689	42.44	ng		99
74) Fluoranthene	19.61	202	2197851	37.11	ng		98
76) Benzidine	19.79	184	984731	33.37	ng		99
77) Pyrene	19.97	202	2218560	38.35	ng		98
79) Butylbenzylphthalate	20.84	149	982736	42.89	ng		98
80) Benzo(a)anthracene	21.85	228	2296438	39.87	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	634922	25.12	ng	#	95
82) Chrysene	21.91	228	2129280	39.41	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1324434	41.63	ng		100
84) Di-n-octyl phthalate	22.99	149	2213988	41.73	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2563006	37.21	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2369990m	40.09	ng		
88) Benzo(k)fluoranthene	24.25	252	2341423	41.74	ng	#	98
89) Benzo(a)pyrene	25.09	252	2300539	40.60	ng	#	97
90) Dibenzo(a,h)anthracene	29.19	278	2109755	37.51	ng	#	95
91) Benzo(g,h,i)perylene	30.33	276	2100675	37.30	ng	#	95

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

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