Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022481.D
Acq On : 22 Jun 2016 00:54
Operator : UM/SJ
Sample : H3600-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PM-STA-1363(0-4)MSD

Quant Time: Jun 22 13:51:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	21611	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	117798	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	72401	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	160178	20.00	ng		0.00
75) Chrysene-d12	21.64	240	133089	20.00	ng		0.00
86) Perylene-d12	24.84	264	117839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	182667	163.43	ng		0.00
7) Phenol-d6	7.17	99	260475	148.22	ng		0.00
23) Nitrobenzene-d5	9.16	82	156466	92.60	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	87215	106.61	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	420885	88.59	ng		0.00
78) Terphenyl-d14	19.98	244	554946	98.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	18763	35.01	ng	#	69
3) Pyridine	3.76	79	52209	36.05	ng		98
4) n-Nitrosodimethylamine	3.67	42	14758	45.57	ng	#	98
6) Aniline	7.31	93	65249m	29.22	ng		
8) 2-Chlorophenol	7.55	128	75159	48.65	ng	#	81
10) Phenol	7.20	94	85787	47.35	ng		79
11) bis(2-Chloroethyl)ether	7.40	93	69689	48.24	ng	#	71
12) 1,3-Dichlorobenzene	7.87	146	64929	39.21	ng	#	91
13) 1,4-Dichlorobenzene	8.02	146	68158	41.31	ng		94
14) 1,2-Dichlorobenzene	8.33	146	68740	41.33	ng		95
15) Benzyl Alcohol	8.24	79	53347	46.98	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.52	45	69204	46.17	ng		80
17) 2-Methylphenol	8.45	107	65864	48.71	ng	#	83
18) Hexachloroethane	9.06	117	25788	42.80	ng		90
19) n-Nitroso-di-n-propylamine	8.79	70	54864	46.12	ng	#	67
20) 3+4-Methylphenols	8.79	107	89190	45.99	ng		97
22) Acetophenone	8.82	105	108947	42.92	ng	#	81
24) Nitrobenzene	9.20	77	77642	45.70	ng	#	83
25) Isophorone	9.72	82	170743	43.19	ng	#	95
26) 2-Nitrophenol	9.92	139	41892	45.47	ng	#	73
27) 2,4-Dimethylphenol	9.99	122	78820	47.26	ng		93
28) bis(2-Chloroethoxy)methane	10.20	93	102866	45.42	ng		94
29) 2,4-Dichlorophenol	10.47	162	69434	44.94	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	67877	39.32	ng		97
31) Naphthalene	10.86	128	261437	44.46	ng		97
32) Benzoic acid	10.16	122	25316	45.43	ng	#	75
33) 4-Chloroaniline	10.99	127	12739	5.21	ng	#	92
34) Hexachlorobutadiene	11.13	225	32676	35.26	ng		97
35) Caprolactam	11.76	113	30014m	35.42	ng		
36) 4-Chloro-3-methylphenol	12.12	107	86360	47.16	ng	#	87
37) 2-Methylnaphthalene	12.46	142	183898	42.36	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	73536	39.46	ng		98
40) Hexachlorocyclopentadiene	12.79	237	26683	31.42	ng		94
42) 2,4,6-Trichlorophenol	13.08	196	54247	43.39	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	56469	40.88	ng		95
45) 1,1'-Biphenyl	13.46	154	244953	44.96	ng		95
46) 2-Chloronaphthalene	13.51	162	187447	44.88	ng		96
47) 2-Nitroaniline	13.73	65	47472	47.67	ng	#	59
48) Acenaphthylene	14.36	152	331426	45.22	ng		97
49) Dimethylphthalate	14.09	163	260531	43.40	ng		100
50) 2,6-Dinitrotoluene	14.22	165	58418	44.76	ng	#	80
51) Acenaphthene	14.70	154	196096	44.66	ng		94
52) 3-Nitroaniline	14.56	138	26442	18.27	ng		85
53) 2,4-Dinitrophenol	14.77	184	39878	75.54	ng	#	74
54) Dibenzofuran	15.03	168	306779	44.77	ng		98
55) 4-Nitrophenol	14.91	139	56810	56.87	ng	#	74
56) 2,4-Dinitrotoluene	15.02	165	81035	46.29	ng	#	85
57) Fluorene	15.68	166	259193	43.91	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	44517	35.93	ng		89
59) Diethylphthalate	15.44	149	279600	43.60	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	111603	41.75	ng		95
61) 4-Nitroaniline	15.73	138	52805m	34.40	ng		
62) Azobenzene	15.96	77	231851	47.74	ng		86
64) 4,6-Dinitro-2-methylphenol	15.78	198	32726	41.17	ng		84
65) n-Nitrosodiphenylamine	15.88	169	218878	47.44	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	63771	42.49	ng		99
67) Hexachlorobenzene	16.68	284	65977	37.72	ng		93
68) Atrazine	16.83	200	67993	39.81	ng		97
69) Pentachlorophenol	17.04	266	38177	50.84	ng		97
70) Phenanthrene	17.42	178	387465	44.54	ng		98
71) Anthracene	17.51	178	384292	44.54	ng		97
72) Carbazole	17.79	167	353231	43.23	ng		97
73) Di-n-butylphthalate	18.32	149	491968	46.05	ng	#	98
74) Fluoranthene	19.43	202	415322	41.53	ng		94
76) Benzidine	19.63	184	69387	19.94	ng		99
77) Pyrene	19.79	202	411630	49.75	ng		99
79) Butylbenzylphthalate	20.66	149	212967	55.50	ng		93
80) Benzo(a)anthracene	21.62	228	344985	46.23	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	45160	21.55	ng	#	95
82) Chrysene	21.68	228	322576	44.42	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	308224	54.62	ng	#	95
84) Di-n-octyl phthalate	22.69	149	508131	54.23	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.52	276	338103	41.50	ng	#	77
87) Benzo(b)fluoranthene	23.82	252	315198	45.86	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	315980	46.70	ng	#	93
89) Benzo(a)pyrene	24.69	252	304605	46.35	ng	#	91
90) Dibenzo(a,h)anthracene	28.56	278	273858	44.25	ng	#	89
91) Benzo(g,h,i)perylene	29.66	276	277930	43.16	ng	#	86

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

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