Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023413.D
Acq On : 3 Aug 2016 2:22
Operator : UM/SJ
Sample : H4288-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0MS

Quant Time: Aug 03 03:43:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	111699	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	588519	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	455912	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1170950	20.00	ng		0.00
75) Chrysene-d12	21.86	240	977617	20.00	ng		0.00
86) Perylene-d12	25.24	264	1022054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1073494	161.77	ng		0.00
7) Phenol-d6	7.28	99	1730176	167.40	ng		0.00
23) Nitrobenzene-d5	9.30	82	1162103	98.17	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	1074155	161.08	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2284754	84.53	ng		0.00
78) Terphenyl-d14	20.15	244	3035867	100.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	88097	31.16	ng	#	94
3) Pyridine	3.93	79	296152	31.88	ng		96
4) n-Nitrosodimethylamine	3.84	42	161763	46.96	ng	#	76
6) Aniline	7.44	93	733482	49.12	ng		95
8) 2-Chlorophenol	7.68	128	431691	56.63	ng		94
9) Benzaldehyde	7.25	77	257953	45.46	ng		95
10) Phenol	7.31	94	673557	60.92	ng		85
11) bis(2-Chloroethyl)ether	7.53	93	429594	48.71	ng		93
12) 1,3-Dichlorobenzene	8.01	146	377667	43.27	ng		93
13) 1,4-Dichlorobenzene	8.15	146	394424	44.14	ng		94
14) 1,2-Dichlorobenzene	8.48	146	384582	43.88	ng		95
15) Benzyl Alcohol	8.36	79	546998	69.85	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	594407	45.83	ng		91
17) 2-Methylphenol	8.57	107	449203	60.60	ng	#	87
18) Hexachloroethane	9.21	117	145079	43.14	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	482990	54.33	ng		97
20) 3+4-Methylphenols	8.90	107	650527	62.25	ng		90
22) Acetophenone	8.95	105	670756	41.63	ng	#	92
24) Nitrobenzene	9.34	77	665285	50.75	ng	#	89
25) Isophorone	9.86	82	1291179	52.36	ng	#	94
26) 2-Nitrophenol	10.06	139	290895	52.58	ng	#	83
27) 2,4-Dimethylphenol	10.12	122	511103	54.25	ng		88
28) bis(2-Chloroethoxy)methane	10.35	93	718683	48.49	ng		99
29) 2,4-Dichlorophenol	10.60	162	550382	58.10	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	469808	45.99	ng		96
31) Naphthalene	11.00	128	1384309	46.19	ng		98
32) Benzoic acid	10.22	122	95711	16.00	ng		94
33) 4-Chloroaniline	11.11	127	574301	40.09	ng		92
34) Hexachlorobutadiene	11.28	225	297233	44.24	ng		97
35) Caprolactam	11.91	113	222840m	55.92	ng		
36) 4-Chloro-3-methylphenol	12.24	107	699245	56.19	ng		92
37) 2-Methylnaphthalene	12.61	142	1124714	49.36	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	560713	33.91	ng		98
40) Hexachlorocyclopentadiene	12.95	237	733528	87.99	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	504196	51.19	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	536793	52.94	ng	#	95
45) 1,1'-Biphenyl	13.61	154	1384761	39.73	ng		96
46) 2-Chloronaphthalene	13.66	162	1222891	45.36	ng		97
47) 2-Nitroaniline	13.87	65	579214	51.74	ng	#	87
48) Acenaphthylene	14.51	152	1977536	46.40	ng		96
49) Dimethylphthalate	14.23	163	2149992	61.47	ng	#	94
50) 2,6-Dinitrotoluene	14.36	165	420964	50.82	ng		84
51) Acenaphthene	14.85	154	1278058	47.34	ng		98
52) 3-Nitroaniline	14.70	138	432505	46.30	ng		79
53) 2,4-Dinitrophenol	14.90	184	369429	69.57	ng		93
54) Dibenzofuran	15.19	168	1979004	50.49	ng		99
55) 4-Nitrophenol	15.02	139	694730	94.69	ng	#	85
56) 2,4-Dinitrotoluene	15.15	165	632154	54.37	ng		94
57) Fluorene	15.84	166	1668456	48.77	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	561593	60.36	ng		95
59) Diethylphthalate	15.59	149	1824351	51.38	ng		95
60) 4-Chlorophenyl-phenylether	15.82	204	875165	48.34	ng		97
61) 4-Nitroaniline	15.87	138	499110	50.19	ng	#	67
62) Azobenzene	16.12	77	1944251	54.02	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	387708	48.70	ng		95
65) n-Nitrosodiphenylamine	16.04	169	1597662	46.52	ng		93
66) 4-Bromophenyl-phenylether	16.72	248	670232	49.11	ng		95
67) Hexachlorobenzene	16.84	284	714572	47.86	ng		99
68) Atrazine	16.99	200	693738	52.60	ng		97
69) Pentachlorophenol	17.19	266	871919	100.17	ng		96
70) Phenanthrene	17.59	178	2669715	44.93	ng	#	90
71) Anthracene	17.68	178	2733845	45.75	ng		92
72) Carbazole	17.95	167	2557077	48.73	ng	#	93
73) Di-n-butylphthalate	18.49	149	2809618	54.40	ng		96
74) Fluoranthene	19.60	202	2891798	53.35	ng		91
76) Benzidine	19.78	184	1775553	65.33	ng		97
77) Pyrene	19.96	202	2879089	53.71	ng		93
79) Butylbenzylphthalate	20.84	149	1196120	50.81	ng		95
80) Benzo(a)anthracene	21.84	228	2522922	46.75	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	848309	38.33	ng	#	98
82) Chrysene	21.91	228	2365548	46.07	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1568318	48.65	ng		98
84) Di-n-octyl phthalate	22.98	149	2628725	47.78	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	3334890	51.98	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2756463	47.93	ng	#	95
88) Benzo(k)fluoranthene	24.23	252	2592174	46.93	ng	#	95
89) Benzo(a)pyrene	25.08	252	2672501	48.87	ng	#	97
90) Dibenzo(a,h)anthracene	29.18	278	2736502	48.98	ng	#	92
91) Benzo(g,h,i)perylene	30.33	276	2762624	49.11	ng	#	95

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

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