Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
Data File : BG023966.D
Acq On : 8 Sep 2016 12:46
Operator : UM/SJ
Sample : H4680-28MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH-20-12-15FTMS

Quant Time: Sep 08 14:39:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 05:42:37 2004
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37095	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	187271	20.00	ng		-0.02
38) Acenaphthene-d10	14.78	164	144651	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	383989	20.00	ng		0.00
75) Chrysene-d12	21.85	240	408721	20.00	ng		0.00
86) Perylene-d12	25.23	264	403889	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	375319	177.63	ng		-0.01
7) Phenol-d6	7.28	99	615920	189.37	ng		-0.01
23) Nitrobenzene-d5	9.30	82	472047	112.53	ng		-0.01
41) 2,4,6-Tribromophenol	16.28	330	401270	153.97	ng		-0.01
44) 2-Fluorobiphenyl	13.39	172	984044	97.53	ng		-0.01
78) Terphenyl-d14	20.14	244	1719848	95.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	33462	38.40	ng		98
3) Pyridine	3.92	79	109140	41.67	ng		94
4) n-Nitrosodimethylamine	3.84	42	73911	53.54	ng	#	78
6) Aniline	7.44	93	194851	45.13	ng		97
8) 2-Chlorophenol	7.68	128	130006	53.11	ng		97
9) Benzaldehyde	7.25	77	22897	9.91	ng	#	82
10) Phenol	7.31	94	204731	59.83	ng		96
11) bis(2-Chloroethyl)ether	7.53	93	126932	47.15	ng		88
12) 1,3-Dichlorobenzene	8.00	146	133056	46.44	ng		94
13) 1,4-Dichlorobenzene	8.15	146	137183	45.20	ng		94
14) 1,2-Dichlorobenzene	8.47	146	132041	46.35	ng		96
15) Benzyl Alcohol	8.36	79	179067	62.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	170380	47.22	ng		94
17) 2-Methylphenol	8.57	107	128797	55.87	ng		97
18) Hexachloroethane	9.20	117	55185	47.22	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	153539	53.44	ng	#	97
20) 3+4-Methylphenols	8.91	107	188420	58.65	ng		96
22) Acetophenone	8.95	105	215247	44.40	ng	#	98
24) Nitrobenzene	9.34	77	230630	51.13	ng		98
25) Isophorone	9.86	82	403824	49.64	ng		99
26) 2-Nitrophenol	10.06	139	86683	50.55	ng	#	91
27) 2,4-Dimethylphenol	10.12	122	150622	51.68	ng		89
28) bis(2-Chloroethoxy)methane	10.34	93	211469	51.48	ng		99
29) 2,4-Dichlorophenol	10.60	162	171354	55.49	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	162893	48.10	ng		95
31) Naphthalene	11.00	128	459708	47.64	ng		98
32) Benzoic acid	10.23	122	12037	5.09	ng		92
33) 4-Chloroaniline	11.12	127	121638	30.19	ng		97
34) Hexachlorobutadiene	11.27	225	124495	48.95	ng		94
35) Caprolactam	11.91	113	59983	55.12	ng		93
36) 4-Chloro-3-methylphenol	12.25	107	223652	54.21	ng		96
37) 2-Methylnaphthalene	12.60	142	364819	49.70	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	206995	43.11	ng		99
40) Hexachlorocyclopentadiene	12.94	237	251085	86.19	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	157453	49.14	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	168662	52.07	ng		96
45) 1,1'-Biphenyl	13.61	154	482387	41.46	ng		97
46) 2-Chloronaphthalene	13.65	162	413690	48.43	ng		94
47) 2-Nitroaniline	13.88	65	196285	58.34	ng		99
48) Acenaphthylene	14.50	152	674244	47.36	ng		99
49) Dimethylphthalate	14.23	163	1055068	85.06	ng		98
50) 2,6-Dinitrotoluene	14.36	165	130676	49.91	ng		92
51) Acenaphthene	14.84	154	427715	48.59	ng		99
52) 3-Nitroaniline	14.70	138	108573	44.33	ng		86
53) 2,4-Dinitrophenol	14.92	184	72308	41.21	ng	#	91
54) Dibenzofuran	15.18	168	725949	52.84	ng		99
55) 4-Nitrophenol	15.03	139	172003	88.27	ng		90
56) 2,4-Dinitrotoluene	15.16	165	195771	50.87	ng		87
57) Fluorene	15.83	166	596442	50.06	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	178345	54.25	ng		96
59) Diethylphthalate	15.59	149	650255	49.11	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	331461	51.68	ng		96
61) 4-Nitroaniline	15.87	138	127435	51.47	ng		96
62) Azobenzene	16.11	77	737323	57.49	ng		95
64) 4,6-Dinitro-2-methylphenol	15.93	198	102292	38.37	ng		90
65) n-Nitrosodiphenylamine	16.04	169	560825	51.42	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	236883	50.71	ng		98
67) Hexachlorobenzene	16.84	284	251714	45.94	ng		99
68) Atrazine	16.98	200	230072	49.03	ng		98
69) Pentachlorophenol	17.19	266	239389	82.26	ng		99
70) Phenanthrene	17.58	178	1017665	50.95	ng		98
71) Anthracene	17.68	178	1042023	51.14	ng		98
72) Carbazole	17.95	167	881927	47.70	ng		97
73) Di-n-butylphthalate	18.48	149	1057460	47.93	ng		97
74) Fluoranthene	19.60	202	1188350	49.41	ng		95
76) Benzidine	19.78	184	597778	47.23	ng		95
77) Pyrene	19.96	202	1180824	46.98	ng		95
79) Butylbenzylphthalate	20.83	149	478957	49.43	ng		96
80) Benzo(a)anthracene	21.84	228	1170123	51.14	ng		92
81) 3,3'-Dichlorobenzidine	21.74	252	292237	31.96	ng	#	97
82) Chrysene	21.90	228	1108493	50.90	ng		96
83) Bis(2-ethylhexyl)phthalate	21.70	149	661585	49.86	ng		95
84) Di-n-octyl phthalate	22.96	149	1100789	50.59	ng		100
85) Indeno(1,2,3-cd)pyrene	29.13	276	1361404m	56.46	ng		
87) Benzo(b)fluoranthene	24.16	252	1222536	53.29	ng		100
88) Benzo(k)fluoranthene	24.23	252	1132035	49.76	ng	#	99
89) Benzo(a)pyrene	25.08	252	1161368	53.31	ng		95
90) Dibenzo(a,h)anthracene	29.17	278	1139979	53.20	ng	#	97
91) Benzo(g,h,i)perylene	30.34	276	1116193	54.17	ng		98

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

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