Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
Data File : BG015893.D
Acq On : 20 Jan 2015 16:18
Operator : TP/IZ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDICC080

Quant Time: Jan 20 16:57:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 16:17:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	93447	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	412885	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	360468	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	891491	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1240664	20.00	ng		0.00
86) Perylene-d12	23.52	264	1145231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1009563	81.61	ng		0.00
7) Phenol-d6	6.88	99	1606404	80.23	ng		0.01
23) Nitrobenzene-d5	8.85	82	2147309	75.11	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	1089966	80.94	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	3335657	72.19	ng		0.00
78) Terphenyl-d14	19.71	244	4902597	52.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	257318	79.55	ng		93
3) Pyridine	3.59	79	889714	81.99	ng		97
4) n-Nitrosodimethylamine	3.51	42	343589	81.97	ng		98
6) Aniline	7.02	93	1153078	78.62	ng		96
8) 2-Chlorophenol	7.26	128	489828	83.14	ng		96
9) Benzaldehyde	6.84	77	744318	79.42	ng		97
10) Phenol	6.91	94	950875	81.47	ng		96
11) bis(2-Chloroethyl)ether	7.12	93	708646	80.94	ng		99
12) 1,3-Dichlorobenzene	7.58	146	570265	79.83	ng		92
13) 1,4-Dichlorobenzene	7.73	146	592158	80.14	ng		97
14) 1,2-Dichlorobenzene	8.04	146	592460	84.95	ng		94
15) Benzyl Alcohol	7.93	79	967230	86.07	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.23	45	587220	81.90	ng		90
17) 2-Methylphenol	8.15	107	581162	81.49	ng		97
18) Hexachloroethane	8.76	117	297512	79.87	ng		92
19) n-Nitroso-di-n-propylamine	8.50	70	835429	83.08	ng	#	93
20) 3+4-Methylphenols	8.47	107	808863	85.89	ng		92
22) Acetophenone	8.52	105	1109433	79.91	ng	#	98
24) Nitrobenzene	8.89	77	1205920	78.55	ng		98
25) Isophorone	9.42	82	2050105	79.75	ng		99
26) 2-Nitrophenol	9.60	139	317776	85.81	ng	#	84
27) 2,4-Dimethylphenol	9.67	122	583552	79.79	ng		93
28) bis(2-Chloroethoxy)methane	9.90	93	960690	77.92	ng		96
29) 2,4-Dichlorophenol	10.13	162	608765	80.28	ng		96
30) 1,2,4-Trichlorobenzene	10.34	180	704871	77.74	ng		93
31) Naphthalene	10.53	128	1623600	77.36	ng		96
32) Benzoic acid	9.85	122	279218	160.51	ng		89
33) 4-Chloroaniline	10.64	127	779358	80.35	ng	#	92
34) Hexachlorobutadiene	10.81	225	672741	76.37	ng		93
35) Caprolactam	11.44	113	310475m	85.76	ng		
36) 4-Chloro-3-methylphenol	11.78	107	896567	80.17	ng		96
37) 2-Methylnaphthalene	12.14	142	1331085	79.14	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	1107759	81.44	ng		98
40) Hexachlorocyclopentadiene	12.49	237	921448	87.01	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	694724	82.37	ng		97
43) 2,4,5-Trichlorophenol	12.84	196	744049	80.25	ng	#	96
45) 1,1'-Biphenyl	13.16	154	1802176	79.13	ng		96
46) 2-Chloronaphthalene	13.20	162	1521726	79.76	ng		93
47) 2-Nitroaniline	13.42	65	792959	80.06	ng		97
48) Acenaphthylene	14.06	152	2269674	77.50	ng	#	95
49) Dimethylphthalate	13.80	163	2002992	77.24	ng		97
50) 2,6-Dinitrotoluene	13.92	165	488672	83.96	ng		91
51) Acenaphthene	14.40	154	1446550	79.01	ng		96
52) 3-Nitroaniline	14.26	138	438833	80.36	ng		99
53) 2,4-Dinitrophenol	14.46	184	357917	114.09	ng		95
54) Dibenzofuran	14.74	168	2279439	75.28	ng	#	98
55) 4-Nitrophenol	14.58	139	336719	90.84	ng	#	90
56) 2,4-Dinitrotoluene	14.71	165	691168	79.08	ng	#	95
57) Fluorene	15.38	166	2107910	77.33	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.97	232	837986	81.74	ng	#	99
59) Diethylphthalate	15.17	149	2035653	74.99	ng	#	91
60) 4-Chlorophenyl-phenylether	15.38	204	1431435	80.86	ng		97
61) 4-Nitroaniline	15.43	138	481316	81.13	ng	#	72
62) Azobenzene	15.68	77	2922128	66.88	ng		88
64) 4,6-Dinitro-2-methylphenol	15.48	198	590205	94.52	ng		90
65) n-Nitrosodiphenylamine	15.60	169	1964343	77.01	ng		88
66) 4-Bromophenyl-phenylether	16.28	248	1046246	79.98	ng		99
67) Hexachlorobenzene	16.39	284	1133447	80.36	ng		95
68) Atrazine	16.55	200	982349	79.77	ng		97
69) Pentachlorophenol	16.74	266	621005	109.55	ng		95
70) Phenanthrene	17.12	178	3108225	69.78	ng	#	90
71) Anthracene	17.22	178	3141542	70.55	ng	#	89
72) Carbazole	17.49	167	2826285	71.82	ng		98
73) Di-n-butylphthalate	18.05	149	3059232	66.69	ng	#	90
74) Fluoranthene	19.14	202	3778238	62.42	ng		81
76) Benzidine	19.33	184	2430964	84.35	ng	#	92
77) Pyrene	19.51	202	3841533	63.91	ng	#	77
79) Butylbenzylphthalate	20.41	149	1652445	75.73	ng		97
80) Benzo(a)anthracene	21.25	228	3964606	59.83	ng	#	73
81) 3,3'-Dichlorobenzidine	21.19	252	2181700	77.21	ng	#	93
82) Chrysene	21.31	228	3765710	60.10	ng	#	74
83) Bis(2-ethylhexyl)phthalate	21.18	149	2224081	74.71	ng	#	88
84) Di-n-octyl phthalate	22.06	149	3193206	69.10	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.82	276	5653369	74.95	ng		96
87) Benzo(b)fluoranthene	22.85	252	4512247	68.93	ng	#	83
88) Benzo(k)fluoranthene	22.89	252	4235466	66.31	ng	#	87
89) Benzo(a)pyrene	23.43	252	4536934	70.99	ng	#	89
90) Dibenzo(a,h)anthracene	25.84	278	4797544	78.16	ng		93
91) Benzo(g,h,i)perylene	26.53	276	4713973	78.91	ng	#	89

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

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