Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020850.D
Acq On : 11 Feb 2016 10:52
Operator : SJ/UM
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC02.5

Quant Time: Feb 11 13:51:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 13:22:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	19944	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	103400	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	63323	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	129322	20.00	ng		0.00
75) Chrysene-d12	21.90	240	123698	20.00	ng		0.00
86) Perylene-d12	25.29	264	113997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	5887	5.34	ng		0.00
7) Phenol-d6	7.40	99	8177	4.94	ng		0.00
23) Nitrobenzene-d5	9.43	82	7495	3.70	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	2628	2.74	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	21750	4.69	ng		0.00
78) Terphenyl-d14	20.20	244	25223	4.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	1140	2.62	ng	#	84
3) Pyridine	4.06	79	2736	2.08	ng		96
4) n-Nitrosodimethylamine	3.97	42	653	0.99	ng	#	92
6) Aniline	7.58	93	5268	2.44	ng		97
8) 2-Chlorophenol	7.83	128	3746	2.79	ng		89
9) Benzaldehyde	7.40	77	2525	2.32	ng	#	83
10) Phenol	7.43	94	4515	2.58	ng		95
11) bis(2-Chloroethyl)ether	7.67	93	3567	2.73	ng		95
12) 1,3-Dichlorobenzene	8.16	146	4000	2.62	ng		87
13) 1,4-Dichlorobenzene	8.31	146	3844	2.44	ng		99
14) 1,2-Dichlorobenzene	8.63	146	3799	2.53	ng		95
15) Benzyl Alcohol	8.50	79	2638	1.82	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	3825	1.85	ng		97
17) 2-Methylphenol	8.70	107	3294	2.67	ng		94
18) Hexachloroethane	9.36	117	1241	2.13	ng	#	88
19) n-Nitroso-di-n-propylamine	9.07	70	2705	2.09	ng	#	93
20) 3+4-Methylphenols	9.02	107	4617	2.67	ng		97
22) Acetophenone	9.09	105	6034	2.13	ng	#	94
24) Nitrobenzene	9.48	77	3997	1.84	ng		92
25) Isophorone	10.00	82	7848	1.83	ng		99
26) 2-Nitrophenol	10.19	139	1669	1.93	ng	#	95
27) 2,4-Dimethylphenol	10.24	122	3938	2.24	ng		94
28) bis(2-Chloroethoxy)methane	10.48	93	4968	2.32	ng	#	97
29) 2,4-Dichlorophenol	10.73	162	3510	1.94	ng		96
30) 1,2,4-Trichlorobenzene	10.96	180	3585	1.75	ng		99
31) Naphthalene	11.15	128	13368	2.42	ng		98
33) 4-Chloroaniline	11.24	127	5616	2.30	ng		95
34) Hexachlorobutadiene	11.43	225	1796	1.19	ng		95
35) Caprolactam	11.98	113	1247	1.87	ng		98
36) 4-Chloro-3-methylphenol	12.34	107	4104	1.85	ng		99
37) 2-Methylnaphthalene	12.73	142	9531	2.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	4518	1.87	ng		97
42) 2,4,6-Trichlorophenol	13.32	196	2702	1.72	ng		93
43) 2,4,5-Trichlorophenol	13.39	196	2997	1.78	ng	#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.72	154	13670	2.64	ng		99
46) 2-Chloronaphthalene	13.77	162	10002	2.50	ng		95
47) 2-Nitroaniline	13.96	65	2134	1.71	ng		87
48) Acenaphthylene	14.61	152	16702	2.47	ng		96
49) Dimethylphthalate	14.32	163	11870	2.10	ng		100
50) 2,6-Dinitrotoluene	14.45	165	2409	2.23	ng		91
51) Acenaphthene	14.94	154	10001	2.45	ng		96
52) 3-Nitroaniline	14.78	138	2639	2.35	ng	#	98
54) Dibenzofuran	15.27	168	13770	2.21	ng		96
55) 4-Nitrophenol	15.06	139	1704	1.81	ng		92
56) 2,4-Dinitrotoluene	15.23	165	2778	1.84	ng	#	85
57) Fluorene	15.92	166	12299	2.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	2315	1.49	ng	#	95
59) Diethylphthalate	15.67	149	12390	2.04	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	5719	1.82	ng		91
61) 4-Nitroaniline	15.93	138	2495	2.00	ng		90
62) Azobenzene	16.20	77	9941	1.96	ng		98
65) n-Nitrosodiphenylamine	16.12	169	9833	2.62	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	3258	2.03	ng		96
67) Hexachlorobenzene	16.92	284	3535	2.10	ng		97
68) Atrazine	17.05	200	2931	1.82	ng		94
70) Phenanthrene	17.66	178	18300	2.51	ng		97
71) Anthracene	17.75	178	18550	2.49	ng		97
72) Carbazole	18.01	167	16333	2.49	ng		99
73) Di-n-butylphthalate	18.56	149	20341	2.55	ng		99
74) Fluoranthene	19.65	202	19126	2.05	ng		98
76) Benzidine	19.83	184	9100	2.33	ng		98
77) Pyrene	20.01	202	20139	2.77	ng		97
79) Butylbenzylphthalate	20.88	149	9031	3.20	ng		97
80) Benzo(a)anthracene	21.88	228	18336	2.43	ng		98
81) 3,3'-Dichlorobenzidine	21.79	252	6288	2.20	ng		92
82) Chrysene	21.95	228	16864	2.37	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	13498	3.26	ng		96
84) Di-n-octyl phthalate	23.04	149	22483	3.32	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.16	276	18191	2.28	ng	#	79
87) Benzo(b)fluoranthene	24.21	252	16759	2.32	ng		96
88) Benzo(k)fluoranthene	24.27	252	16707	2.34	ng		98
89) Benzo(a)pyrene	25.13	252	15761	2.29	ng		97
90) Dibenzo(a,h)anthracene	29.23	278	15125	2.22	ng		97
91) Benzo(g,h,i)perylene	30.37	276	15111	2.26	ng		95

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

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