Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021616.D
Acq On : 13 Apr 2016 11:34
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Apr 13 13:43:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 13:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	31149	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	138808	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	89055	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	205493	20.00	ng		0.00
75) Chrysene-d12	21.83	240	246363	20.00	ng		0.00
86) Perylene-d12	25.16	264	239488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	36622	17.78	ng		0.00
7) Phenol-d6	7.36	99	53223	13.18	ng		0.00
23) Nitrobenzene-d5	9.38	82	53197	19.64	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	17320	12.96	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	122903	23.44	ng		0.00
78) Terphenyl-d14	20.15	244	204976	18.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	8750	11.02	ng		90
3) Pyridine	4.05	79	23675	7.27	ng		92
4) n-Nitrosodimethylamine	3.96	42	11743	8.10	ng	#	96
6) Aniline	7.54	93	34718	6.55	ng		98
8) 2-Chlorophenol	7.78	128	21725	7.92	ng		93
9) Benzaldehyde	7.36	77	17308	8.72	ng		86
10) Phenol	7.38	94	28822	6.52	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	23898	7.98	ng		97
12) 1,3-Dichlorobenzene	8.11	146	24683	9.84	ng		94
13) 1,4-Dichlorobenzene	8.25	146	25128	9.42	ng		93
14) 1,2-Dichlorobenzene	8.58	146	24149	8.92	ng		94
15) Benzyl Alcohol	8.45	79	19803	5.52	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.74	45	50144	7.80	ng		94
17) 2-Methylphenol	8.64	107	19179	6.09	ng		92
18) Hexachloroethane	9.31	117	9076	10.10	ng	#	70
19) n-Nitroso-di-n-propylamine	9.02	70	21023	5.72	ng	#	98
20) 3+4-Methylphenols	8.97	107	26990	5.69	ng		94
22) Acetophenone	9.04	105	38476	9.45	ng	#	98
24) Nitrobenzene	9.42	77	28514	9.95	ng		98
25) Isophorone	9.95	82	59093	7.72	ng		98
26) 2-Nitrophenol	10.14	139	9965	9.68	ng		94
27) 2,4-Dimethylphenol	10.19	122	24639	8.68	ng		91
28) bis(2-Chloroethoxy)methane	10.43	93	31334	9.36	ng		93
29) 2,4-Dichlorophenol	10.67	162	20886	8.74	ng		95
30) 1,2,4-Trichlorobenzene	10.89	180	22250	10.56	ng	#	95
31) Naphthalene	11.09	128	75534	10.12	ng	#	97
32) Benzoic acid	10.23	122	7978	2.49	ng	#	85
33) 4-Chloroaniline	11.19	127	31512	7.20	ng		98
34) Hexachlorobutadiene	11.37	225	14509	12.39	ng		93
35) Caprolactam	11.93	113	9374	3.36	ng		94
36) 4-Chloro-3-methylphenol	12.28	107	26025	5.94	ng		99
37) 2-Methylnaphthalene	12.67	142	51290	8.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	27225	12.66	ng		97
40) Hexachlorocyclopentadiene	13.01	237	13835	15.24	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	16927	10.42	ng		98
43) 2,4,5-Trichlorophenol	13.33	196	18133	9.17	ng		95
45) 1,1'-Biphenyl	13.67	154	75214	11.38	ng		93
46) 2-Chloronaphthalene	13.71	162	54081	11.00	ng		98
47) 2-Nitroaniline	13.90	65	17196	7.47	ng		95
48) Acenaphthylene	14.55	152	90054	9.48	ng		99
49) Dimethylphthalate	14.27	163	75818	7.69	ng		98
50) 2,6-Dinitrotoluene	14.39	165	13272	7.44	ng		96
51) Acenaphthene	14.89	154	56092	9.11	ng		97
52) 3-Nitroaniline	14.72	138	15370	6.30	ng		93
53) 2,4-Dinitrophenol	14.92	184	3065	4.19	ng	#	82
54) Dibenzofuran	15.22	168	79192	8.84	ng		98
55) 4-Nitrophenol	15.00	139	12567	4.82	ng		88
56) 2,4-Dinitrotoluene	15.17	165	18079	6.31	ng		98
57) Fluorene	15.86	166	71245	8.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	15374	7.35	ng		97
59) Diethylphthalate	15.62	149	80937	6.80	ng		98
60) 4-Chlorophenyl-phenylether	15.86	204	34437	8.54	ng		98
61) 4-Nitroaniline	15.87	138	17183	5.08	ng		94
62) Azobenzene	16.15	77	67475	7.60	ng		98
64) 4,6-Dinitro-2-methylphenol	15.92	198	5930	7.55	ng		92
65) n-Nitrosodiphenylamine	16.06	169	62121	11.51	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	21826	11.58	ng		97
67) Hexachlorobenzene	16.86	284	22794	11.71	ng		95
68) Atrazine	17.00	200	25449	8.11	ng		96
69) Pentachlorophenol	17.20	266	10662	8.13	ng		95
70) Phenanthrene	17.60	178	116154	9.99	ng		99
71) Anthracene	17.70	178	118009	9.82	ng		100
72) Carbazole	17.95	167	109951	8.27	ng		98
73) Di-n-butylphthalate	18.51	149	141612	7.57	ng		100
74) Fluoranthene	19.59	202	139463	7.63	ng		99
76) Benzidine	19.76	184	82189	11.13	ng		99
77) Pyrene	19.95	202	143220	9.20	ng		97
79) Butylbenzylphthalate	20.83	149	63745	9.82	ng		97
80) Benzo(a)anthracene	21.81	228	142665	9.93	ng		98
81) 3,3'-Dichlorobenzidine	21.72	252	113024	11.51	ng		98
82) Chrysene	21.88	228	136646	10.01	ng		100
83) Bis(2-ethylhexyl)phthalate	21.71	149	93531	11.00	ng		98
84) Di-n-octyl phthalate	22.97	149	156504	11.13	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	154370	11.00	ng		98
87) Benzo(b)fluoranthene	24.10	252	136705	9.70	ng		99
88) Benzo(k)fluoranthene	24.17	252	133746	9.50	ng		97
89) Benzo(a)pyrene	25.01	252	130921	9.64	ng		96
90) Dibenzo(a,h)anthracene	29.04	278	130401	9.76	ng		98
91) Benzo(g,h,i)perylene	30.16	276	129137	9.71	ng		98

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

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