Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
Data File : BG023928.D
Acq On : 31 Aug 2016 17:26
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Aug 31 18:40:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:36:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42893	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	197222	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	150319	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	410626	20.00	ng		0.00
75) Chrysene-d12	21.84	240	414981	20.00	ng		0.00
86) Perylene-d12	25.22	264	396535	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	239192	93.87	ng		0.00
7) Phenol-d6	7.26	99	376201	94.79	ng		0.00
23) Nitrobenzene-d5	9.27	82	453374	114.29	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	296101	134.67	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	1039512	116.64	ng		0.00
78) Terphenyl-d14	20.13	244	1778029	116.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	44284	40.79	ng		94
3) Pyridine	3.92	79	144805	40.59	ng		97
4) n-Nitrosodimethylamine	3.82	42	76956	58.18	ng		88
6) Aniline	7.41	93	245419	42.80	ng		94
8) 2-Chlorophenol	7.66	128	139374	47.61	ng		93
9) Benzaldehyde	7.23	77	125237	53.30	ng		95
10) Phenol	7.29	94	192751	45.40	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	143959	42.51	ng		92
12) 1,3-Dichlorobenzene	7.97	146	155245	46.32	ng		96
13) 1,4-Dichlorobenzene	8.12	146	162248	47.29	ng		94
14) 1,2-Dichlorobenzene	8.44	146	155631	46.24	ng		89
15) Benzyl Alcohol	8.34	79	171335	56.97	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.61	45	187937	37.73	ng		93
17) 2-Methylphenol	8.55	107	128916	45.29	ng		94
18) Hexachloroethane	9.17	117	63168	48.91	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	159112	46.61	ng		95
20) 3+4-Methylphenols	8.88	107	187420	46.71	ng		97
22) Acetophenone	8.93	105	259318	48.02	ng	#	96
24) Nitrobenzene	9.31	77	245189	55.81	ng		93
25) Isophorone	9.85	82	435281	52.68	ng	#	95
26) 2-Nitrophenol	10.03	139	96319	51.95	ng		91
27) 2,4-Dimethylphenol	10.09	122	161515	51.16	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	211708	42.62	ng		95
29) 2,4-Dichlorophenol	10.58	162	174259	54.90	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	183258	53.53	ng		100
31) Naphthalene	10.97	128	498975	49.68	ng		100
32) Benzoic acid	10.29	122	135847	52.07	ng		96
33) 4-Chloroaniline	11.09	127	221733	46.19	ng		95
34) Hexachlorobutadiene	11.24	225	141908	63.03	ng		97
35) Caprolactam	11.93	113	56149	42.04	ng		98
36) 4-Chloro-3-methylphenol	12.23	107	226504	54.31	ng		94
37) 2-Methylnaphthalene	12.58	142	392097	51.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	261047	47.89	ng		99
40) Hexachlorocyclopentadiene	12.91	237	141885	51.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	176640	54.40	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	179267	53.63	ng		94
45) 1,1'-Biphenyl	13.58	154	599952	52.21	ng		100
46) 2-Chloronaphthalene	13.64	162	439368	49.43	ng		97
47) 2-Nitroaniline	13.85	65	184214	49.91	ng		96
48) Acenaphthylene	14.48	152	730835	52.01	ng		99
49) Dimethylphthalate	14.21	163	638147	55.33	ng		99
50) 2,6-Dinitrotoluene	14.34	165	140396	51.40	ng		97
51) Acenaphthene	14.82	154	456223	51.25	ng		96
52) 3-Nitroaniline	14.69	138	135806	44.10	ng	#	87
53) 2,4-Dinitrophenol	14.90	184	89303	51.01	ng		96
54) Dibenzofuran	15.16	168	711943	55.08	ng		98
55) 4-Nitrophenol	15.02	139	108050	44.67	ng	#	88
56) 2,4-Dinitrotoluene	15.14	165	206140	53.78	ng		94
57) Fluorene	15.81	166	606941	53.81	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.40	232	185930	60.61	ng		97
59) Diethylphthalate	15.57	149	677668	57.88	ng		100
60) 4-Chlorophenyl-phenylether	15.80	204	336884	56.44	ng		96
61) 4-Nitroaniline	15.86	138	130340	39.75	ng		96
62) Azobenzene	16.09	77	652939	55.02	ng		96
64) 4,6-Dinitro-2-methylphenol	15.91	198	144440	51.74	ng		93
65) n-Nitrosodiphenylamine	16.02	169	571784	47.47	ng		96
66) 4-Bromophenyl-phenylether	16.70	248	250207	52.28	ng		96
67) Hexachlorobenzene	16.83	284	295785	56.49	ng		94
68) Atrazine	16.98	200	249146	53.87	ng		98
69) Pentachlorophenol	17.18	266	165276	54.14	ng		96
70) Phenanthrene	17.57	178	1012946	48.62	ng		97
71) Anthracene	17.66	178	1038349	49.55	ng		97
72) Carbazole	17.94	167	933914	50.75	ng		96
73) Di-n-butylphthalate	18.47	149	1110664	53.01	ng		97
74) Fluoranthene	19.58	202	1211597	54.32	ng		96
76) Benzidine	19.76	184	667677	57.88	ng		98
77) Pyrene	19.94	202	1229850	47.85	ng		95
79) Butylbenzylphthalate	20.81	149	468760	46.91	ng		96
80) Benzo(a)anthracene	21.81	228	1120748	48.93	ng		94
81) 3,3'-Dichlorobenzidine	21.73	252	458914	48.84	ng		99
82) Chrysene	21.89	228	1079542	49.53	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	618047	45.17	ng		98
84) Di-n-octyl phthalate	22.95	149	1027328	43.99	ng		98
85) Indeno(1,2,3-cd)pyrene	29.10	276	1195563	43.90	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1078772	48.35	ng		98
88) Benzo(k)fluoranthene	24.21	252	1081848	50.49	ng	#	98
89) Benzo(a)pyrene	25.06	252	1042445	49.13	ng		99
90) Dibenzo(a,h)anthracene	29.15	278	1028530	47.45	ng	#	95
91) Benzo(g,h,i)perylene	30.31	276	1005933	46.09	ng		99

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

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