Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022896.D
Acq On : 7 Jul 2016 15:13
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations
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7/8/2016 7:10:36 PM

Quant Time: Jul 07 16:09:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 14:54:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	122545	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	564781	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	426500	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1043607	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1177041	20.00	ng		0.00
86) Perylene-d12	25.19	264	1223150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	896975	117.40	ng		0.00
7) Phenol-d6	7.31	99	1360290	126.31	ng		0.00
23) Nitrobenzene-d5	9.33	82	1523354	114.16	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	900978	134.31	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2932349	109.04	ng		0.00
78) Terphenyl-d14	20.16	244	3727380	83.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	174040	56.20	ng	#	94
3) Pyridine	3.98	79	604033	69.74	ng		94
4) n-Nitrosodimethylamine	3.89	42	260247	52.53	ng	#	99
6) Aniline	7.48	93	983066	68.85	ng		95
8) 2-Chlorophenol	7.71	128	481863	60.89	ng		100
9) Benzaldehyde	7.28	77	428505	113.06	ng		94
10) Phenol	7.34	94	712711	62.62	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	563280	60.12	ng		93
12) 1,3-Dichlorobenzene	8.04	146	566183	58.79	ng		96
13) 1,4-Dichlorobenzene	8.19	146	584599	60.55	ng		98
14) 1,2-Dichlorobenzene	8.51	146	577585	62.91	ng		96
15) Benzyl Alcohol	8.39	79	643887	64.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	675115	65.15	ng		94
17) 2-Methylphenol	8.60	107	465850	62.09	ng		96
18) Hexachloroethane	9.25	117	243578	60.95	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	618593	68.97	ng		95
20) 3+4-Methylphenols	8.92	107	663617	64.21	ng		97
22) Acetophenone	8.98	105	999145	61.19	ng	#	95
24) Nitrobenzene	9.37	77	824473	55.90	ng	#	89
25) Isophorone	9.89	82	1549259	59.81	ng		97
26) 2-Nitrophenol	10.08	139	341692	64.32	ng		88
27) 2,4-Dimethylphenol	10.14	122	554020	54.58	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	873118	61.73	ng		97
29) 2,4-Dichlorophenol	10.62	162	610926	61.78	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	706089	60.14	ng		98
31) Naphthalene	11.03	128	1652253	58.20	ng		98
32) Benzoic acid	10.31	122	530185	86.73	ng	#	89
33) 4-Chloroaniline	11.14	127	825480	67.51	ng		97
34) Hexachlorobutadiene	11.31	225	549770	60.24	ng		96
35) Caprolactam	11.93	113	229338	73.62	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	797511	65.70	ng		91
37) 2-Methylnaphthalene	12.63	142	1310664	59.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1105852	68.68	ng		98
40) Hexachlorocyclopentadiene	12.97	237	666396	51.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	647801	62.74	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	654057	60.54	ng		92
45) 1,1'-Biphenyl	13.63	154	1846075	56.82	ng		94
46) 2-Chloronaphthalene	13.68	162	1516936	56.74	ng		96
47) 2-Nitroaniline	13.88	65	649913	62.98	ng		93
48) Acenaphthylene	14.52	152	2197839	56.68	ng		93
49) Dimethylphthalate	14.25	163	1926544	54.45	ng		96
50) 2,6-Dinitrotoluene	14.37	165	463186	60.25	ng		87
51) Acenaphthene	14.86	154	1474240	51.61	ng		98
52) 3-Nitroaniline	14.71	138	459902	63.93	ng		92
53) 2,4-Dinitrophenol	14.91	184	343826	72.61	ng		97
54) Dibenzofuran	15.20	168	2096322	50.67	ng		97
55) 4-Nitrophenol	15.01	139	384401	63.19	ng		97
56) 2,4-Dinitrotoluene	15.16	165	672475	63.14	ng		90
57) Fluorene	15.85	166	1829775	55.42	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	639256	57.07	ng	#	98
59) Diethylphthalate	15.61	149	1920213	52.79	ng		92
60) 4-Chlorophenyl-phenylether	15.83	204	1128739	57.43	ng		96
61) 4-Nitroaniline	15.87	138	481810	64.91	ng	#	88
62) Azobenzene	16.13	77	1867793	47.42	ng		92
64) 4,6-Dinitro-2-methylphenol	15.93	198	493773	70.55	ng		94
65) n-Nitrosodiphenylamine	16.06	169	1740320	57.31	ng		94
66) 4-Bromophenyl-phenylether	16.74	248	804561	59.43	ng		94
67) Hexachlorobenzene	16.86	284	891335	62.26	ng		96
68) Atrazine	17.00	200	761265	59.37	ng		97
69) Pentachlorophenol	17.20	266	604533	61.36	ng		96
70) Phenanthrene	17.60	178	2780558	52.25	ng	#	91
71) Anthracene	17.70	178	2834744	51.75	ng	#	91
72) Carbazole	17.97	167	2472258	53.25	ng		95
73) Di-n-butylphthalate	18.51	149	2764916	51.14	ng	#	95
74) Fluoranthene	19.61	202	3180671	51.88	ng		87
76) Benzidine	19.78	184	1907721	152.23	ng		94
77) Pyrene	19.96	202	3258735	51.98	ng	#	87
79) Butylbenzylphthalate	20.83	149	1461475	53.85	ng		94
80) Benzo(a)anthracene	21.83	228	3487680	53.55	ng	#	90
81) 3,3'-Dichlorobenzidine	21.74	252	1646819	61.22	ng		96
82) Chrysene	21.90	228	3268409	53.40	ng	#	86
83) Bis(2-ethylhexyl)phthalate	21.70	149	1987792	52.02	ng		93
84) Di-n-octyl phthalate	22.95	149	3282757	52.12	ng		100
85) Indeno(1,2,3-cd)pyrene	29.04	276	4445766	55.28	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	3910141m	53.16	ng		
88) Benzo(k)fluoranthene	24.20	252	3778139	54.34	ng	#	91
89) Benzo(a)pyrene	25.04	252	3784424	52.78	ng	#	94
90) Dibenzo(a,h)anthracene	29.10	278	3844867	56.96	ng	#	94
91) Benzo(g,h,i)perylene	30.25	276	3890489	56.62	ng	#	95

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

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