Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023050.D
Acq On : 13 Jul 2016 00:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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umangi
7/13/2016 6:28:38 PM

Quant Time: Jul 13 01:54:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98067	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	489969	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	376517	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	858696	20.00	ng		0.00
75) Chrysene-d12	21.87	240	926447	20.00	ng		0.02
86) Perylene-d12	25.25	264	951104	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	483616	80.65	ng		0.00
7) Phenol-d6	7.31	99	802105	85.41	ng		0.00
23) Nitrobenzene-d5	9.33	82	916186	80.07	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	438856	64.85	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1906312	79.75	ng		0.00
78) Terphenyl-d14	20.16	244	2514871	86.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	92388	39.64	ng		97
3) Pyridine	3.97	79	321093	40.26	ng	#	92
4) n-Nitrosodimethylamine	3.89	42	141245	41.28	ng		94
6) Aniline	7.47	93	526473	40.45	ng		99
8) 2-Chlorophenol	7.72	128	260728	40.86	ng		96
9) Benzaldehyde	7.28	77	243485	38.80	ng		92
10) Phenol	7.34	94	416989	43.15	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	303999	39.69	ng		96
12) 1,3-Dichlorobenzene	8.04	146	303593	38.87	ng		97
13) 1,4-Dichlorobenzene	8.19	146	308177	39.41	ng		96
14) 1,2-Dichlorobenzene	8.51	146	313822	40.37	ng		95
15) Benzyl Alcohol	8.39	79	364514	42.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	386585	41.32	ng		97
17) 2-Methylphenol	8.59	107	265804	42.26	ng		97
18) Hexachloroethane	9.24	117	132479	40.13	ng		87
19) n-Nitroso-di-n-propylamine	8.96	70	336627	39.76	ng		96
20) 3+4-Methylphenols	8.92	107	383294	43.69	ng		91
22) Acetophenone	8.98	105	551089	37.48	ng	#	94
24) Nitrobenzene	9.37	77	480114	39.49	ng		92
25) Isophorone	9.89	82	868113	37.72	ng	#	97
26) 2-Nitrophenol	10.09	139	190399	39.91	ng		95
27) 2,4-Dimethylphenol	10.14	122	317193	38.46	ng		89
28) bis(2-Chloroethoxy)methane	10.37	93	489430	38.13	ng		97
29) 2,4-Dichlorophenol	10.63	162	351732	39.99	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	392630	38.95	ng		97
31) Naphthalene	11.03	128	989825	39.68	ng		99
32) Benzoic acid	10.28	122	270262	36.02	ng		95
33) 4-Chloroaniline	11.14	127	482697	39.57	ng		96
34) Hexachlorobutadiene	11.31	225	306317	37.49	ng		98
35) Caprolactam	11.92	113	128171	35.42	ng		99
36) 4-Chloro-3-methylphenol	12.26	107	475502	39.52	ng		95
37) 2-Methylnaphthalene	12.63	142	785019	39.82	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	644795	39.74	ng		99
40) Hexachlorocyclopentadiene	12.97	237	399222	42.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	357052	38.29	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	370542	38.69	ng		97
45) 1,1'-Biphenyl	13.63	154	1153748	40.84	ng		97
46) 2-Chloronaphthalene	13.68	162	944957	41.23	ng		98
47) 2-Nitroaniline	13.88	65	398230	40.73	ng		97
48) Acenaphthylene	14.53	152	1372082	39.91	ng		97
49) Dimethylphthalate	14.24	163	1135209	36.91	ng		99
50) 2,6-Dinitrotoluene	14.37	165	259154	37.49	ng		87
51) Acenaphthene	14.87	154	883582	39.33	ng		98
52) 3-Nitroaniline	14.71	138	267468	38.81	ng		96
53) 2,4-Dinitrophenol	14.91	184	230491	48.60	ng		95
54) Dibenzofuran	15.20	168	1308273	38.91	ng		97
55) 4-Nitrophenol	15.02	139	195830	33.90	ng		92
56) 2,4-Dinitrotoluene	15.16	165	376546	37.37	ng		92
57) Fluorene	15.85	166	1103116	38.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	335868m	35.05	ng		
59) Diethylphthalate	15.61	149	1164761	37.22	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	648619	36.80	ng		99
61) 4-Nitroaniline	15.87	138	271256	36.37	ng	#	82
62) Azobenzene	16.13	77	1201873	40.15	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	229590	35.97	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1040327	42.05	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	435733	39.00	ng		95
67) Hexachlorobenzene	16.86	284	462522	38.08	ng		97
68) Atrazine	17.00	200	423279	38.57	ng		98
69) Pentachlorophenol	17.21	266	284465	36.16	ng		99
70) Phenanthrene	17.61	178	1718571	40.84	ng		99
71) Anthracene	17.69	178	1728635	40.57	ng		98
72) Carbazole	17.97	167	1488520	40.43	ng		98
73) Di-n-butylphthalate	18.51	149	1764930	43.10	ng		99
74) Fluoranthene	19.61	202	2017617	39.07	ng		97
76) Benzidine	19.79	184	1420245	53.47	ng		99
77) Pyrene	19.97	202	2058097	39.53	ng		99
79) Butylbenzylphthalate	20.85	149	874241	42.40	ng		94
80) Benzo(a)anthracene	21.85	228	2111418	40.74	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	895476	39.36	ng		99
82) Chrysene	21.92	228	1978524	40.69	ng		99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1193309	41.67	ng		99
84) Di-n-octyl phthalate	22.99	149	2034070	42.60	ng		98
85) Indeno(1,2,3-cd)pyrene	29.13	276	2272229	36.65	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2199858	40.09	ng	#	97
88) Benzo(k)fluoranthene	24.25	252	2073800	39.82	ng	#	96
89) Benzo(a)pyrene	25.09	252	2079686	39.54	ng	#	98
90) Dibenzo(a,h)anthracene	29.19	278	1955156	37.45	ng	#	93
91) Benzo(g,h,i)perylene	30.35	276	1889122	36.13	ng	#	97

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

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