Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023118.D
Acq On : 15 Jul 2016 18:08
Operator : UM/SJ
Sample : H4017-17MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9MS

Quant Time: Jul 15 23:08:44 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	8.16	152	96262	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	459539	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	347803	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	833029	20.00	ng		0.00
75) Chrysene-d12	21.86	240	918630	20.00	ng		0.00
86) Perylene-d12	25.23	264	949312	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	694037	117.92	ng		0.00
7) Phenol-d6	7.31	99	1077190	116.85	ng		0.00
23) Nitrobenzene-d5	9.32	82	791216	73.72	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	576144	92.17	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1616381	73.20	ng		0.00
78) Terphenyl-d14	20.15	244	2430600	83.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	67395	29.46	ng		93
3) Pyridine	3.97	79	187404	23.94	ng		94
4) n-Nitrosodimethylamine	3.88	42	127901	38.08	ng	#	99
6) Aniline	7.47	93	370053	28.97	ng		98
8) 2-Chlorophenol	7.71	128	255708	40.83	ng		92
9) Benzaldehyde	7.28	77	129295	20.99	ng		94
10) Phenol	7.34	94	402947	42.48	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	271643	36.13	ng		94
12) 1,3-Dichlorobenzene	8.04	146	261275	34.08	ng		98
13) 1,4-Dichlorobenzene	8.19	146	264375	34.44	ng		98
14) 1,2-Dichlorobenzene	8.51	146	263506	34.53	ng		95
15) Benzyl Alcohol	8.39	79	338338	40.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	336104	36.60	ng		95
17) 2-Methylphenol	8.60	107	252194	40.85	ng		90
18) Hexachloroethane	9.24	117	114417	35.31	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	294407	35.43	ng	#	92
20) 3+4-Methylphenols	8.92	107	339684	39.45	ng		97
22) Acetophenone	8.98	105	458854	33.27	ng	#	92
24) Nitrobenzene	9.37	77	421620	36.97	ng		98
25) Isophorone	9.89	82	749583	34.73	ng		97
26) 2-Nitrophenol	10.09	139	156211	34.91	ng		89
27) 2,4-Dimethylphenol	10.14	122	265107	34.27	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	418535	34.77	ng		100
29) 2,4-Dichlorophenol	10.62	162	316748	38.40	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	320373	33.89	ng		94
31) Naphthalene	11.03	128	822313	35.15	ng		100
32) Benzoic acid	10.24	122	78565	11.16	ng		94
33) 4-Chloroaniline	11.14	127	278786	24.37	ng		98
34) Hexachlorobutadiene	11.31	225	241362	31.50	ng		97
35) Caprolactam	11.91	113	103415	30.47	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	387038	34.30	ng		96
37) 2-Methylnaphthalene	12.63	142	652842	35.31	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	423958	28.29	ng		99
40) Hexachlorocyclopentadiene	12.97	237	516460	59.86	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	293198	34.03	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	313296	35.41	ng		96
45) 1,1'-Biphenyl	13.63	154	926358	35.50	ng		98
46) 2-Chloronaphthalene	13.68	162	778693	36.79	ng		98
47) 2-Nitroaniline	13.88	65	326306	36.13	ng		97
48) Acenaphthylene	14.52	152	1144904	36.05	ng		98
49) Dimethylphthalate	14.25	163	1556915	54.80	ng		97
50) 2,6-Dinitrotoluene	14.37	165	228890	35.85	ng		90
51) Acenaphthene	14.86	154	733066	35.33	ng		100
52) 3-Nitroaniline	14.71	138	193193	30.34	ng		86
53) 2,4-Dinitrophenol	14.91	184	220791	50.40	ng		97
54) Dibenzofuran	15.20	168	1216886	39.18	ng		99
55) 4-Nitrophenol	15.02	139	352789	66.10	ng		97
56) 2,4-Dinitrotoluene	15.16	165	330602	35.52	ng		96
57) Fluorene	15.85	166	982377	36.75	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	314471	35.53	ng		97
59) Diethylphthalate	15.61	149	1046455	36.20	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	557720	34.25	ng		97
61) 4-Nitroaniline	15.88	138	235058	34.12	ng	#	84
62) Azobenzene	16.13	77	1205541	43.60	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	195989	31.66	ng		99
65) n-Nitrosodiphenylamine	16.05	169	911322	37.97	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	370191	34.16	ng		98
67) Hexachlorobenzene	16.86	284	392497	33.31	ng		99
68) Atrazine	17.00	200	381956	35.88	ng		98
69) Pentachlorophenol	17.20	266	476900	62.49	ng		100
70) Phenanthrene	17.60	178	1553188	38.05	ng		98
71) Anthracene	17.69	178	1603765	38.80	ng		97
72) Carbazole	17.96	167	1408878	39.44	ng		98
73) Di-n-butylphthalate	18.50	149	1690137	42.55	ng		98
74) Fluoranthene	19.60	202	1877814	37.48	ng		96
76) Benzidine	19.78	184	1175885	44.65	ng		99
77) Pyrene	19.96	202	1878322	36.39	ng		99
79) Butylbenzylphthalate	20.83	149	842745	41.22	ng		99
80) Benzo(a)anthracene	21.84	228	1953236	38.00	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	623407	27.63	ng	#	99
82) Chrysene	21.91	228	1822501	37.80	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1137013	40.05	ng		99
84) Di-n-octyl phthalate	22.98	149	1955098	41.29	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2188178	35.60	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2059634	37.61	ng	#	99
88) Benzo(k)fluoranthene	24.23	252	1941514	37.35	ng	#	99
89) Benzo(a)pyrene	25.08	252	1998900	38.07	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	1803362	34.61	ng	#	96
91) Benzo(g,h,i)perylene	30.31	276	1778526	34.08	ng	#	96

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

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