Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
Data File : BG023164.D
Acq On : 18 Jul 2016 18:34
Operator : UM/SJ
Sample : H4044-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F9-B3(6-12)CMS

Quant Time: Jul 19 01:33:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 01:16:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	121860	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	586524	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	425246	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	925564	20.00	ng		0.00
75) Chrysene-d12	21.75	240	925869	20.00	ng		0.00
86) Perylene-d12	25.03	264	889362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	877397	117.76	ng		-0.02
7) Phenol-d6	7.27	99	1390475	119.15	ng		-0.01
23) Nitrobenzene-d5	9.28	82	1007049	73.52	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	604736	79.13	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	1894479	70.17	ng		0.00
78) Terphenyl-d14	20.07	244	2347484	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	84752	29.26	ng		97
3) Pyridine	3.94	79	265572	26.80	ng		93
4) n-Nitrosodimethylamine	3.86	42	149342	35.12	ng	#	87
6) Aniline	7.43	93	428320	26.48	ng		96
8) 2-Chlorophenol	7.68	128	324587	40.94	ng		98
9) Benzaldehyde	7.24	77	146416	18.78	ng		90
10) Phenol	7.29	94	533610	44.44	ng		91
11) bis(2-Chloroethyl)ether	7.52	93	356625	37.47	ng		95
12) 1,3-Dichlorobenzene	7.99	146	336653	34.68	ng		100
13) 1,4-Dichlorobenzene	8.15	146	348057	35.82	ng		96
14) 1,2-Dichlorobenzene	8.46	146	338982	35.09	ng		98
15) Benzyl Alcohol	8.35	79	447547	41.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	471647	40.57	ng		94
17) 2-Methylphenol	8.55	107	334305	42.77	ng		95
18) Hexachloroethane	9.20	117	136445	33.27	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	376508	35.79	ng		97
20) 3+4-Methylphenols	8.88	107	462910	42.47	ng		97
22) Acetophenone	8.93	105	610637	34.69	ng	#	94
24) Nitrobenzene	9.32	77	555411	38.16	ng		92
25) Isophorone	9.84	82	978436	35.52	ng		97
26) 2-Nitrophenol	10.04	139	210384	36.84	ng		90
27) 2,4-Dimethylphenol	10.09	122	360550	36.52	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	557900	36.31	ng		99
29) 2,4-Dichlorophenol	10.58	162	411636	39.09	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	413206	34.25	ng		96
31) Naphthalene	10.98	128	1103385	36.96	ng		99
32) Benzoic acid	10.17	122	33619	3.74	ng		95
33) 4-Chloroaniline	11.09	127	329109	22.54	ng		96
34) Hexachlorobutadiene	11.25	225	305890	31.27	ng		96
35) Caprolactam	11.86	113	133113	30.73	ng		95
36) 4-Chloro-3-methylphenol	12.21	107	506893	35.20	ng		95
37) 2-Methylnaphthalene	12.58	142	869377	36.84	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	532769	29.07	ng		98
40) Hexachlorocyclopentadiene	12.92	237	395504	37.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	372806	35.39	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	394892	36.51	ng		94
45) 1,1'-Biphenyl	13.58	154	1171902	36.73	ng		96
46) 2-Chloronaphthalene	13.63	162	964985	37.28	ng		97
47) 2-Nitroaniline	13.83	65	406677	36.82	ng		95
48) Acenaphthylene	14.47	152	1431406	36.87	ng		99
49) Dimethylphthalate	14.19	163	1696899	48.85	ng	#	95
50) 2,6-Dinitrotoluene	14.32	165	277654	35.57	ng		87
51) Acenaphthene	14.81	154	928468	36.60	ng		97
52) 3-Nitroaniline	14.66	138	238525	30.64	ng		84
53) 2,4-Dinitrophenol	14.86	184	125415	23.41	ng		99
54) Dibenzofuran	15.14	168	1456640	38.36	ng		98
55) 4-Nitrophenol	14.97	139	432355	66.26	ng		94
56) 2,4-Dinitrotoluene	15.10	165	399245	35.08	ng		97
57) Fluorene	15.79	166	1160413	35.50	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	373123	34.48	ng		96
59) Diethylphthalate	15.54	149	1226712	34.71	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	646679	32.48	ng		99
61) 4-Nitroaniline	15.81	138	274107	32.54	ng	#	83
62) Azobenzene	16.07	77	1427473	42.22	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	133681	19.43	ng		97
65) n-Nitrosodiphenylamine	15.99	169	1073500	40.26	ng		96
66) 4-Bromophenyl-phenylether	16.66	248	420315	34.90	ng		98
67) Hexachlorobenzene	16.79	284	426113	32.54	ng		95
68) Atrazine	16.93	200	424026	35.85	ng		96
69) Pentachlorophenol	17.14	266	501644	59.16	ng		99
70) Phenanthrene	17.53	178	1752649	38.64	ng		98
71) Anthracene	17.62	178	1793554	39.05	ng		98
72) Carbazole	17.89	167	1576835	39.73	ng		99
73) Di-n-butylphthalate	18.42	149	1849384	41.90	ng		99
74) Fluoranthene	19.53	202	2001035	35.95	ng		97
76) Benzidine	19.70	184	1015372	38.25	ng		99
77) Pyrene	19.88	202	2025920	38.94	ng		99
79) Butylbenzylphthalate	20.75	149	922149	44.75	ng		97
80) Benzo(a)anthracene	21.73	228	2016316	38.92	ng		97
81) 3,3'-Dichlorobenzidine	21.64	252	601641	26.46	ng	#	98
82) Chrysene	21.79	228	1887653	38.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	1261131	44.07	ng		100
84) Di-n-octyl phthalate	22.83	149	2062618	43.22	ng		99
85) Indeno(1,2,3-cd)pyrene	28.79	276	1922740	31.03	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	1994522	38.87	ng	#	98
88) Benzo(k)fluoranthene	24.06	252	1986354	40.79	ng	#	98
89) Benzo(a)pyrene	24.88	252	1939593	39.43	ng	#	99
90) Dibenzo(a,h)anthracene	28.84	278	1595215	32.68	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	1359795	27.81	ng	#	95

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

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