Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023121.D
Acq On : 15 Jul 2016 20:10
Operator : UM/SJ
Sample : H4018-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D8-B3(6-12)CMS

Quant Time: Jul 16 01:08:23 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	133181	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	601083	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	433402	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	933399	20.00	ng		0.00
75) Chrysene-d12	21.86	240	879118	20.00	ng		0.01
86) Perylene-d12	25.23	264	901740	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	1278450	157.00	ng		0.00
7) Phenol-d6	7.32	99	1959422	153.63	ng		0.01
23) Nitrobenzene-d5	9.33	82	1447620	103.12	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	911420	117.01	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2595231	94.32	ng		0.00
78) Terphenyl-d14	20.15	244	2896269	125.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	111191	35.13	ng		92
3) Pyridine	3.97	79	377478	34.85	ng		98
4) n-Nitrosodimethylamine	3.89	42	213139	45.87	ng	#	94
6) Aniline	7.48	93	590616	33.42	ng		98
8) 2-Chlorophenol	7.72	128	444544	51.30	ng		94
9) Benzaldehyde	7.29	77	236876	27.80	ng		91
10) Phenol	7.34	94	698177	53.20	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	472344	45.41	ng		96
12) 1,3-Dichlorobenzene	8.04	146	440765	41.55	ng		98
13) 1,4-Dichlorobenzene	8.19	146	455221	42.87	ng		93
14) 1,2-Dichlorobenzene	8.51	146	444264	42.08	ng		94
15) Benzyl Alcohol	8.39	79	618759	52.97	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	599654	47.20	ng		94
17) 2-Methylphenol	8.60	107	439148	51.41	ng		96
18) Hexachloroethane	9.24	117	193409	43.14	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	506005	44.01	ng		94
20) 3+4-Methylphenols	8.93	107	601827	50.52	ng		94
22) Acetophenone	8.99	105	802378	44.48	ng	#	95
24) Nitrobenzene	9.37	77	721581	48.37	ng		95
25) Isophorone	9.89	82	1270494	45.00	ng		97
26) 2-Nitrophenol	10.09	139	284775	48.66	ng		89
27) 2,4-Dimethylphenol	10.14	122	461846	45.65	ng		88
28) bis(2-Chloroethoxy)methane	10.37	93	726378	46.13	ng		100
29) 2,4-Dichlorophenol	10.62	162	530914	49.20	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	545295	44.10	ng		98
31) Naphthalene	11.04	128	1385188	45.27	ng		98
32) Benzoic acid	10.25	122	119349	12.97	ng		92
33) 4-Chloroaniline	11.14	127	294414	19.68	ng		98
34) Hexachlorobutadiene	11.31	225	416377	41.54	ng		96
35) Caprolactam	11.92	113	166023m	37.40	ng		
36) 4-Chloro-3-methylphenol	12.26	107	648502	43.94	ng		95
37) 2-Methylnaphthalene	12.63	142	1085010	44.86	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	711796	38.11	ng		98
40) Hexachlorocyclopentadiene	12.97	237	807311	75.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	495960	46.20	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	514137	46.64	ng		96
45) 1,1'-Biphenyl	13.63	154	1489533	45.81	ng		95
46) 2-Chloronaphthalene	13.68	162	1247384	47.29	ng		96
47) 2-Nitroaniline	13.89	65	526171	46.75	ng		94
48) Acenaphthylene	14.53	152	1792467	45.30	ng		96
49) Dimethylphthalate	14.25	163	2215519	62.58	ng	#	95
50) 2,6-Dinitrotoluene	14.37	165	366622	46.08	ng		95
51) Acenaphthene	14.87	154	1181335	45.69	ng		98
52) 3-Nitroaniline	14.71	138	263652	33.23	ng		91
53) 2,4-Dinitrophenol	14.91	184	321934	58.97	ng		94
54) Dibenzofuran	15.20	168	1847340	47.73	ng		98
55) 4-Nitrophenol	15.03	139	500903	75.32	ng		93
56) 2,4-Dinitrotoluene	15.16	165	523323	45.12	ng		98
57) Fluorene	15.85	166	1474327	44.26	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	495401	44.92	ng		98
59) Diethylphthalate	15.61	149	1661096	46.11	ng		95
60) 4-Chlorophenyl-phenylether	15.84	204	865897	42.68	ng		99
61) 4-Nitroaniline	15.88	138	330692	38.52	ng	#	87
62) Azobenzene	16.13	77	1777788	51.60	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	293884	42.36	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1365322	50.77	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	564857	46.51	ng		98
67) Hexachlorobenzene	16.85	284	585628	44.35	ng		97
68) Atrazine	17.00	200	560452	46.98	ng		97
69) Pentachlorophenol	17.21	266	711360	83.19	ng		99
70) Phenanthrene	17.60	178	2119315	46.33	ng		96
71) Anthracene	17.69	178	2154808	46.52	ng		96
72) Carbazole	17.96	167	1836417	45.88	ng		99
73) Di-n-butylphthalate	18.50	149	2235365	50.22	ng		98
74) Fluoranthene	19.60	202	2284844	40.70	ng		96
76) Benzidine	19.78	184	755377	29.97	ng		98
77) Pyrene	19.97	202	2295737	46.47	ng		97
79) Butylbenzylphthalate	20.84	149	1012962	51.77	ng		95
80) Benzo(a)anthracene	21.84	228	2337423	47.52	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	688183	31.88	ng	#	97
82) Chrysene	21.91	228	2189055	47.45	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1422907	52.37	ng		99
84) Di-n-octyl phthalate	22.98	149	2344317	51.74	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2646394	44.99	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2477674	47.62	ng	#	97
88) Benzo(k)fluoranthene	24.23	252	2406154	48.74	ng	#	96
89) Benzo(a)pyrene	25.07	252	2422198	48.57	ng	#	98
90) Dibenzo(a,h)anthracene	29.16	278	2174798	43.94	ng	#	94
91) Benzo(g,h,i)perylene	30.30	276	2158056	43.54	ng	#	94

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

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