Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022719.D
Acq On : 30 Jun 2016 9:18
Operator : UM/SJ
Sample : PB91593BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91593BS

Quant Time: Jun 30 14:27:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	92203	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	423019	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	360411	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1055412	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1152228	20.00	ng		0.01
86) Perylene-d12	25.22	264	1196083	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	654540	113.86	ng		0.00
7) Phenol-d6	7.31	99	1013155	125.04	ng		0.01
23) Nitrobenzene-d5	9.33	82	673011	67.34	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	719913	127.00	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1530130	67.33	ng		0.00
78) Terphenyl-d14	20.16	244	2721490	62.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	61103	26.23	ng		100
3) Pyridine	3.98	79	101504	15.57	ng	#	94
4) n-Nitrosodimethylamine	3.89	42	52122	13.98	ng		98
6) Aniline	7.48	93	121841	11.34	ng	#	88
8) 2-Chlorophenol	7.73	128	118507	19.90	ng		92
9) Benzaldehyde	7.29	77	91408	32.06	ng		89
10) Phenol	7.34	94	177776	20.76	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	121672	17.26	ng		90
12) 1,3-Dichlorobenzene	8.05	146	117296	16.19	ng		95
13) 1,4-Dichlorobenzene	8.20	146	118302	16.29	ng		90
14) 1,2-Dichlorobenzene	8.52	146	115359	16.70	ng		94
15) Benzyl Alcohol	8.40	79	151365	20.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	124457	15.96	ng		96
17) 2-Methylphenol	8.61	107	112984	20.01	ng		91
18) Hexachloroethane	9.25	117	50851	16.91	ng	#	87
19) n-Nitroso-di-n-propylamine	8.96	70	122430	18.14	ng		90
20) 3+4-Methylphenols	8.93	107	159293	20.49	ng		99
22) Acetophenone	8.98	105	206754	16.91	ng	#	93
24) Nitrobenzene	9.37	77	177017	16.02	ng		95
25) Isophorone	9.89	82	317927	16.39	ng	#	96
26) 2-Nitrophenol	10.09	139	70460	17.71	ng		92
27) 2,4-Dimethylphenol	10.15	122	128791	16.94	ng		88
28) bis(2-Chloroethoxy)methane	10.38	93	182119	17.19	ng		91
29) 2,4-Dichlorophenol	10.63	162	146002	19.71	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	145159	16.51	ng		94
31) Naphthalene	11.04	128	361892	17.02	ng		99
32) Benzoic acid	10.25	122	101749m	23.41	ng		
33) 4-Chloroaniline	11.15	127	65189	7.12	ng		92
34) Hexachlorobutadiene	11.31	225	108482	15.87	ng		97
35) Caprolactam	11.91	113	56352	24.15	ng	#	85
36) 4-Chloro-3-methylphenol	12.26	107	193254	21.25	ng		91
37) 2-Methylnaphthalene	12.63	142	292122	17.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	202274	14.87	ng		98
40) Hexachlorocyclopentadiene	12.97	237	423607	39.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	151035	17.31	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	173382	18.99	ng		99
45) 1,1'-Biphenyl	13.63	154	428407	15.60	ng		95
46) 2-Chloronaphthalene	13.68	162	362010	16.02	ng		96
47) 2-Nitroaniline	13.88	65	149593	17.16	ng		88
48) Acenaphthylene	14.52	152	562739	17.17	ng		97
49) Dimethylphthalate	14.25	163	543315	18.17	ng		99
50) 2,6-Dinitrotoluene	14.37	165	119645	18.42	ng	#	84
51) Acenaphthene	14.86	154	362476	15.02	ng		96
52) 3-Nitroaniline	14.71	138	75265	12.38	ng		91
53) 2,4-Dinitrophenol	14.91	184	230494	57.60	ng		92
54) Dibenzofuran	15.20	168	637458	18.23	ng		94
55) 4-Nitrophenol	15.02	139	294259	57.24	ng		96
56) 2,4-Dinitrotoluene	15.16	165	184337	20.48	ng		88
57) Fluorene	15.85	166	525516	18.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	191237m	20.20	ng		
59) Diethylphthalate	15.60	149	585778	19.06	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	299265	18.02	ng		93
61) 4-Nitroaniline	15.87	138	118676	18.92	ng		88
62) Azobenzene	16.13	77	592942	17.81	ng		91
64) 4,6-Dinitro-2-methylphenol	15.92	198	118254	16.71	ng		95
65) n-Nitrosodiphenylamine	16.05	169	507398	16.52	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	220773	16.12	ng		95
67) Hexachlorobenzene	16.86	284	239547	16.55	ng		96
68) Atrazine	17.00	200	228484	17.62	ng		98
69) Pentachlorophenol	17.20	266	467769	46.95	ng		99
70) Phenanthrene	17.60	178	964800	17.93	ng		96
71) Anthracene	17.69	178	980027	17.69	ng		96
72) Carbazole	17.96	167	814629	17.35	ng		97
73) Di-n-butylphthalate	18.51	149	1003410	18.35	ng		95
74) Fluoranthene	19.61	202	1163245	18.76	ng		95
76) Benzidine	19.78	184	633625	51.65	ng		98
77) Pyrene	19.96	202	1160398	18.91	ng		93
79) Butylbenzylphthalate	20.84	149	455298	17.14	ng		95
80) Benzo(a)anthracene	21.83	228	1205103	18.90	ng		92
81) 3,3'-Dichlorobenzidine	21.74	252	261407	9.93	ng		98
82) Chrysene	21.90	228	1129661	18.86	ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	589195	15.75	ng		99
84) Di-n-octyl phthalate	22.98	149	1042813	16.91	ng		95
85) Indeno(1,2,3-cd)pyrene	29.07	276	1332900	16.93	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1250783	17.39	ng		97
88) Benzo(k)fluoranthene	24.21	252	1202658m	17.69	ng		
89) Benzo(a)pyrene	25.06	252	1184568	16.89	ng		100
90) Dibenzo(a,h)anthracene	29.14	278	1104167	16.73	ng	#	96
91) Benzo(g,h,i)perylene	30.28	276	1050481	15.63	ng		98

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

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