Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
Data File : BG024136.D
Acq On : 26 Sep 2016 10:56
Operator : UM/SJ
Sample : PB93572BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93572BS

Quant Time: Sep 26 14:54:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50696	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	244075	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	200054	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	462965	20.00	ng		0.00
75) Chrysene-d12	21.79	240	459388	20.00	ng		0.00
86) Perylene-d12	25.12	264	453361	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	536592	183.37	ng		0.00
7) Phenol-d6	7.21	99	816232	165.77	ng		0.00
23) Nitrobenzene-d5	9.22	82	576688	93.12	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	385976	134.23	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1155941	97.13	ng		0.00
78) Terphenyl-d14	20.09	244	1790651	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	48075	42.92	ng		92
3) Pyridine	3.84	79	168461	42.56	ng		90
4) n-Nitrosodimethylamine	3.76	42	89885	44.80	ng	#	86
6) Aniline	7.36	93	218473	31.59	ng		98
8) 2-Chlorophenol	7.60	128	187309	53.47	ng		98
9) Benzaldehyde	7.19	77	27761	10.35	ng	#	86
10) Phenol	7.24	94	291438	56.30	ng		92
11) bis(2-Chloroethyl)ether	7.45	93	196842	48.22	ng		93
12) 1,3-Dichlorobenzene	7.93	146	185858	47.58	ng		98
13) 1,4-Dichlorobenzene	8.07	146	193547	48.55	ng		95
14) 1,2-Dichlorobenzene	8.40	146	186816	48.15	ng		94
15) Benzyl Alcohol	8.29	79	234509	49.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	271370	48.15	ng		93
17) 2-Methylphenol	8.50	107	190500	55.36	ng		91
18) Hexachloroethane	9.12	117	80247	47.78	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	217361	44.95	ng		97
20) 3+4-Methylphenols	8.84	107	265915	53.20	ng		94
22) Acetophenone	8.88	105	302589	42.97	ng	#	96
24) Nitrobenzene	9.26	77	318614	48.00	ng		98
25) Isophorone	9.78	82	560937	44.41	ng		97
26) 2-Nitrophenol	9.98	139	117405	49.86	ng	#	88
27) 2,4-Dimethylphenol	10.04	122	206601	52.47	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	306355	49.88	ng		99
29) 2,4-Dichlorophenol	10.53	162	228465	55.75	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	214500	48.91	ng		98
31) Naphthalene	10.92	128	617335	49.93	ng		99
32) Benzoic acid	10.23	122	102572	34.93	ng		98
33) 4-Chloroaniline	11.05	127	97453	17.66	ng		95
34) Hexachlorobutadiene	11.19	225	156881	45.44	ng		96
35) Caprolactam	11.84	113	85330m	51.19	ng		
36) 4-Chloro-3-methylphenol	12.18	107	290444	50.37	ng		98
37) 2-Methylnaphthalene	12.53	142	475419	50.21	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	246287	42.17	ng		99
40) Hexachlorocyclopentadiene	12.87	237	239306	84.17	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	192678	51.01	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	194431	50.02	ng	#	92
45) 1,1'-Biphenyl	13.54	154	599812	43.84	ng		98
46) 2-Chloronaphthalene	13.59	162	524326	51.33	ng		99
47) 2-Nitroaniline	13.81	65	237273	49.92	ng		95
48) Acenaphthylene	14.44	152	855048	49.31	ng		98
49) Dimethylphthalate	14.16	163	763554	49.75	ng		98
50) 2,6-Dinitrotoluene	14.30	165	166720	51.71	ng		97
51) Acenaphthene	14.78	154	538110	51.17	ng		98
52) 3-Nitroaniline	14.64	138	102729	31.91	ng	#	87
53) 2,4-Dinitrophenol	14.86	184	173567	74.99	ng		87
54) Dibenzofuran	15.12	168	885062	54.05	ng		99
55) 4-Nitrophenol	14.98	139	213804	83.38	ng		90
56) 2,4-Dinitrotoluene	15.10	165	247274	50.41	ng		92
57) Fluorene	15.77	166	717634	50.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	202797	54.03	ng		91
59) Diethylphthalate	15.53	149	829436	50.19	ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	378439	49.56	ng		98
61) 4-Nitroaniline	15.82	138	150890	45.24	ng	#	83
62) Azobenzene	16.05	77	894973	53.30	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	142502	44.33	ng		89
65) n-Nitrosodiphenylamine	15.98	169	656821	51.86	ng		93
66) 4-Bromophenyl-phenylether	16.65	248	268825	50.06	ng		97
67) Hexachlorobenzene	16.78	284	276212	45.65	ng		98
68) Atrazine	16.93	200	275885	49.35	ng		95
69) Pentachlorophenol	17.14	266	245626	78.40	ng		99
70) Phenanthrene	17.52	178	1218159	51.66	ng		98
71) Anthracene	17.62	178	1229771	50.77	ng		98
72) Carbazole	17.89	167	1078131	47.81	ng		98
73) Di-n-butylphthalate	18.43	149	1345483	45.59	ng		97
74) Fluoranthene	19.54	202	1415309	45.97	ng		96
76) Benzidine	19.73	184	228904	17.60	ng		97
77) Pyrene	19.90	202	1383436	43.13	ng		95
79) Butylbenzylphthalate	20.77	149	582802	49.34	ng		98
80) Benzo(a)anthracene	21.77	228	1339203	51.21	ng		95
81) 3,3'-Dichlorobenzidine	21.68	252	304994	32.54	ng	#	96
82) Chrysene	21.84	228	1249184	50.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	810210	57.41	ng	#	95
84) Di-n-octyl phthalate	22.88	149	1393151	57.21	ng		99
85) Indeno(1,2,3-cd)pyrene	28.94	276	1547226	56.44	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1343402	50.93	ng	#	97
88) Benzo(k)fluoranthene	24.13	252	1330217	50.78	ng	#	98
89) Benzo(a)pyrene	24.96	252	1309330	51.35	ng	#	97
90) Dibenzo(a,h)anthracene	29.00	278	1274435	50.05	ng	#	96
91) Benzo(g,h,i)perylene	30.14	276	1292514	50.39	ng	#	95

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

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