Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024559.D
Acq On : 31 Oct 2016 16:53
Operator : UM/SJ
Sample : PB94433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 12:09:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB94433BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	120871	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	457891	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	341308	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	779061	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1088080	20.00	ng		0.00
86) Perylene-d12	25.36	264	1158836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	910750	123.50	ng		0.00
7) Phenol-d6	7.40	99	1272571	125.80	ng		0.00
23) Nitrobenzene-d5	9.45	82	870422	86.55	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	706027	138.46	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1769143	86.15	ng		0.00
78) Terphenyl-d14	20.21	244	3164943	86.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	86176	28.60	ng		93
3) Pyridine	4.08	79	280481	31.09	ng		91
4) n-Nitrosodimethylamine	3.99	42	177145	37.93	ng	#	80
6) Aniline	7.59	93	468370	36.55	ng		96
8) 2-Chlorophenol	7.83	128	310867	41.46	ng		92
9) Benzaldehyde	7.40	77	62711	10.03	ng		99
10) Phenol	7.43	94	457094	43.83	ng		97
11) bis(2-Chloroethyl)ether	7.68	93	331928	42.37	ng		93
12) 1,3-Dichlorobenzene	8.15	146	351900	37.91	ng		97
13) 1,4-Dichlorobenzene	8.31	146	363353	39.63	ng		98
14) 1,2-Dichlorobenzene	8.63	146	345003	39.14	ng		91
15) Benzyl Alcohol	8.50	79	377326	40.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	538078	37.02	ng		96
17) 2-Methylphenol	8.70	107	285903	41.38	ng		94
18) Hexachloroethane	9.36	117	143657	40.76	ng		98
19) n-Nitroso-di-n-propylamine	9.07	70	303391	40.69	ng		91
20) 3+4-Methylphenols	9.02	107	396535	42.74	ng		98
22) Acetophenone	9.09	105	511569	43.49	ng		91
24) Nitrobenzene	9.49	77	462450	41.33	ng		97
25) Isophorone	10.01	82	817914	43.72	ng		99
26) 2-Nitrophenol	10.21	139	180277	43.41	ng		91
27) 2,4-Dimethylphenol	10.24	122	334199	45.97	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	446110	46.09	ng		98
29) 2,4-Dichlorophenol	10.73	162	346774	45.45	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	385365	42.57	ng		91
31) Naphthalene	11.15	128	953451	41.74	ng		99
32) Benzoic acid	10.35	122	150696	24.89	ng		89
33) 4-Chloroaniline	11.25	127	194822	19.65	ng	#	94
34) Hexachlorobutadiene	11.42	225	307778	43.45	ng		97
35) Caprolactam	12.02	113	119540m	42.79	ng		
36) 4-Chloro-3-methylphenol	12.34	107	408954	44.40	ng		98
37) 2-Methylnaphthalene	12.73	142	709091	42.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	487395	42.34	ng		99
40) Hexachlorocyclopentadiene	13.06	237	721537	111.30	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	312912	45.22	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	331071	44.25	ng		94
45) 1,1'-Biphenyl	13.72	154	986747	41.66	ng		97
46) 2-Chloronaphthalene	13.77	162	786150	43.59	ng		97
47) 2-Nitroaniline	13.97	65	334570	45.31	ng		98
48) Acenaphthylene	14.61	152	1190048	43.03	ng		96
49) Dimethylphthalate	14.33	163	1076698	44.44	ng		99
50) 2,6-Dinitrotoluene	14.45	165	247711	47.89	ng		92
51) Acenaphthene	14.95	154	796469	38.63	ng		95
52) 3-Nitroaniline	14.79	138	180467	33.72	ng		96
53) 2,4-Dinitrophenol	14.99	184	311762	83.17	ng		98
54) Dibenzofuran	15.28	168	1272491	44.64	ng		99
55) 4-Nitrophenol	15.08	139	425960	91.34	ng		93
56) 2,4-Dinitrotoluene	15.24	165	365995	48.69	ng	#	93
57) Fluorene	15.93	166	1035185	43.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	364876	47.04	ng		93
59) Diethylphthalate	15.68	149	1102237	43.39	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	590743	44.54	ng		97
61) 4-Nitroaniline	15.95	138	259822	44.43	ng		99
62) Azobenzene	16.20	77	1145575	45.22	ng		96
64) 4,6-Dinitro-2-methylphenol	16.00	198	241550	45.00	ng		96
65) n-Nitrosodiphenylamine	16.13	169	989313	46.45	ng		97
66) 4-Bromophenyl-phenylether	16.81	248	437731	46.28	ng		96
67) Hexachlorobenzene	16.93	284	480460	45.98	ng	#	87
68) Atrazine	17.06	200	444344	48.64	ng		97
69) Pentachlorophenol	17.27	266	623416	90.41	ng		96
70) Phenanthrene	17.67	178	1780106	44.83	ng		98
71) Anthracene	17.76	178	1842047	45.98	ng		98
72) Carbazole	18.03	167	1662919	45.51	ng		99
73) Di-n-butylphthalate	18.55	149	1931671	45.85	ng		96
74) Fluoranthene	19.66	202	2359052	46.99	ng		98
76) Benzidine	19.84	184	1474893	57.53	ng		99
77) Pyrene	20.03	202	2392088	44.97	ng		98
79) Butylbenzylphthalate	20.89	149	1012744	45.67	ng		99
80) Benzo(a)anthracene	21.90	228	2705622	45.26	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	718691	29.80	ng		99
82) Chrysene	21.97	228	2555640	44.89	ng		100
83) Bis(2-ethylhexyl)phthalate	21.76	149	1414552	44.59	ng		98
84) Di-n-octyl phthalate	23.04	149	2442510	46.40	ng		94
85) Indeno(1,2,3-cd)pyrene	29.30	276	3498180	44.52	ng	#	97
87) Benzo(b)fluoranthene	24.26	252	2899829	46.29	ng		99
88) Benzo(k)fluoranthene	24.34	252	2739180	45.28	ng		99
89) Benzo(a)pyrene	25.19	252	2784338	45.49	ng		100
90) Dibenzo(a,h)anthracene	29.37	278	2952690	43.95	ng		98
91) Benzo(g,h,i)perylene	30.55	276	2937863	43.77	ng		99

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

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