Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024599.D
Acq On : 1 Nov 2016 19:10
Operator : UM/SJ
Sample : PB94463BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94463BS

Manual Integrations APPROVED
Umangi
11/2/2016 5:43:48 PM

Quant Time: Nov 02 03:59:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116273	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	462194	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	349346	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	751810	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1041329	20.00	ng		0.00
86) Perylene-d12	25.35	264	1106044	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	936843	132.06	ng		0.00
7) Phenol-d6	7.41	99	1307992	134.41	ng		0.00
23) Nitrobenzene-d5	9.44	82	905973	89.25	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	705594	135.20	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1832977	87.21	ng		0.00
78) Terphenyl-d14	20.21	244	3030561	86.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	104590	36.09	ng		99
3) Pyridine	4.07	79	320522	36.94	ng		87
4) n-Nitrosodimethylamine	3.99	42	172814	38.47	ng	#	67
6) Aniline	7.59	93	249263	20.22	ng		95
8) 2-Chlorophenol	7.83	128	322046	44.65	ng		96
9) Benzaldehyde	7.40	77	59964	9.97	ng		97
10) Phenol	7.43	94	469048	46.76	ng		87
11) bis(2-Chloroethyl)ether	7.68	93	327073	43.40	ng		88
12) 1,3-Dichlorobenzene	8.15	146	371887	41.65	ng		98
13) 1,4-Dichlorobenzene	8.30	146	378496	42.92	ng		95
14) 1,2-Dichlorobenzene	8.62	146	359660	42.41	ng		96
15) Benzyl Alcohol	8.50	79	380690	42.05	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	556107	39.77	ng		95
17) 2-Methylphenol	8.70	107	302797	45.55	ng		97
18) Hexachloroethane	9.36	117	149755	44.17	ng		93
19) n-Nitroso-di-n-propylamine	9.07	70	311024	43.37	ng		89
20) 3+4-Methylphenols	9.02	107	414925	46.49	ng		93
22) Acetophenone	9.10	105	515912	43.45	ng	#	91
24) Nitrobenzene	9.49	77	461826	40.89	ng		99
25) Isophorone	10.00	82	806613	42.72	ng		98
26) 2-Nitrophenol	10.20	139	186491	44.49	ng		92
27) 2,4-Dimethylphenol	10.24	122	344354	46.93	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	464938	47.59	ng		93
29) 2,4-Dichlorophenol	10.73	162	354103	45.97	ng		99
30) 1,2,4-Trichlorobenzene	10.95	180	400723	43.86	ng		95
31) Naphthalene	11.15	128	977813	42.41	ng		98
32) Benzoic acid	10.36	122	156372	25.59	ng		93
33) 4-Chloroaniline	11.25	127	127921	12.78	ng		92
34) Hexachlorobutadiene	11.42	225	309640	43.30	ng		93
35) Caprolactam	12.02	113	117952m	41.83	ng		
36) 4-Chloro-3-methylphenol	12.34	107	409510	44.04	ng		99
37) 2-Methylnaphthalene	12.73	142	719309	42.76	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	509437	43.24	ng		99
40) Hexachlorocyclopentadiene	13.06	237	687481	103.61	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	322304	45.51	ng		97
43) 2,4,5-Trichlorophenol	13.40	196	334058	43.63	ng		94
45) 1,1'-Biphenyl	13.72	154	993421	40.98	ng		99
46) 2-Chloronaphthalene	13.77	162	815438	44.17	ng		98
47) 2-Nitroaniline	13.97	65	315848	41.79	ng		97
48) Acenaphthylene	14.61	152	1196065	42.25	ng		98
49) Dimethylphthalate	14.32	163	1070077	43.15	ng		99
50) 2,6-Dinitrotoluene	14.45	165	240505	45.43	ng		89
51) Acenaphthene	14.95	154	790202	37.44	ng		98
52) 3-Nitroaniline	14.78	138	106101	19.37	ng		95
53) 2,4-Dinitrophenol	14.99	184	253604	66.10	ng		96
54) Dibenzofuran	15.28	168	1257009	43.08	ng		98
55) 4-Nitrophenol	15.08	139	391730	82.07	ng	#	84
56) 2,4-Dinitrotoluene	15.24	165	346120	44.99	ng		93
57) Fluorene	15.93	166	1011747	41.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	364244	45.88	ng		93
59) Diethylphthalate	15.68	149	1074937	41.34	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	586294	43.19	ng		96
61) 4-Nitroaniline	15.95	138	233756	39.06	ng		92
62) Azobenzene	16.20	77	1117529	43.09	ng		95
64) 4,6-Dinitro-2-methylphenol	16.00	198	209196	40.39	ng		96
65) n-Nitrosodiphenylamine	16.12	169	940688	45.77	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	423602	46.41	ng		96
67) Hexachlorobenzene	16.92	284	459902	45.60	ng		91
68) Atrazine	17.06	200	413537	46.91	ng		96
69) Pentachlorophenol	17.27	266	540872	81.28	ng		95
70) Phenanthrene	17.67	178	1684049	43.95	ng		97
71) Anthracene	17.76	178	1722642	44.56	ng		97
72) Carbazole	18.03	167	1556460	44.14	ng		97
73) Di-n-butylphthalate	18.55	149	1784841	43.90	ng		99
74) Fluoranthene	19.66	202	2164133	44.67	ng		98
76) Benzidine	19.84	184	815911	33.26	ng		97
77) Pyrene	20.02	202	2196324	43.15	ng		98
79) Butylbenzylphthalate	20.88	149	942551	44.41	ng		98
80) Benzo(a)anthracene	21.90	228	2486201	43.46	ng		100
81) 3,3'-Dichlorobenzidine	21.81	252	557689	24.16	ng		96
82) Chrysene	21.97	228	2372504	43.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1315917	43.35	ng	#	99
84) Di-n-octyl phthalate	23.04	149	2257467	44.81	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.29	276	3287214	43.71	ng		99
87) Benzo(b)fluoranthene	24.25	252	2709072	45.31	ng		99
88) Benzo(k)fluoranthene	24.32	252	2545277m	44.08	ng		
89) Benzo(a)pyrene	25.19	252	2615661	44.77	ng		96
90) Dibenzo(a,h)anthracene	29.37	278	2778513	43.33	ng	#	97
91) Benzo(g,h,i)perylene	30.54	276	2742843	42.82	ng		99

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

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