Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020942.D
Acq On : 18 Feb 2016 19:12
Operator : SJ/UM
Sample : PB88350BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88350BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:49 PM

Quant Time: Feb 19 00:17:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15732	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	85753	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	56425	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	127852	20.00	ng		-0.01
75) Chrysene-d12	21.88	240	117811	20.00	ng		-0.02
86) Perylene-d12	25.25	264	110719	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	146117	156.41	ng		-0.01
7) Phenol-d6	7.40	99	210314	154.03	ng		0.00
23) Nitrobenzene-d5	9.43	82	111778	85.71	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	86929	156.66	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	328617	81.81	ng		-0.01
78) Terphenyl-d14	20.19	244	448021	88.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	11777	34.67	ng		99
3) Pyridine	4.04	79	36562	36.39	ng		98
4) n-Nitrosodimethylamine	3.95	42	11219	42.68	ng		95
6) Aniline	7.57	93	37629	22.10	ng		99
8) 2-Chlorophenol	7.82	128	57332	49.13	ng		99
9) Benzaldehyde	7.39	77	10000	14.62	ng		98
10) Phenol	7.43	94	73516	50.88	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	51363	44.50	ng		96
12) 1,3-Dichlorobenzene	8.14	146	53462	43.33	ng		98
13) 1,4-Dichlorobenzene	8.30	146	54447	43.52	ng		99
14) 1,2-Dichlorobenzene	8.61	146	53974	44.35	ng		98
15) Benzyl Alcohol	8.49	79	43776	50.86	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.78	45	49395	41.03	ng		99
17) 2-Methylphenol	8.69	107	53388	51.29	ng		97
18) Hexachloroethane	9.35	117	18895	43.93	ng		93
19) n-Nitroso-di-n-propylamine	9.06	70	40723	46.22	ng	#	97
20) 3+4-Methylphenols	9.02	107	74142	51.11	ng		97
22) Acetophenone	9.08	105	82029	39.68	ng	#	98
24) Nitrobenzene	9.47	77	55897	41.12	ng		99
25) Isophorone	9.99	82	119505	43.47	ng		98
26) 2-Nitrophenol	10.19	139	32696	45.70	ng		96
27) 2,4-Dimethylphenol	10.24	122	65232	47.58	ng		98
28) bis(2-Chloroethoxy)methane	10.47	93	77341	45.65	ng		100
29) 2,4-Dichlorophenol	10.72	162	60713	49.41	ng		98
30) 1,2,4-Trichlorobenzene	10.94	180	51684	41.76	ng		99
31) Naphthalene	11.13	128	187753	42.32	ng		99
32) Benzoic acid	10.35	122	40035	36.41	ng		96
33) 4-Chloroaniline	11.23	127	18606	9.75	ng		98
34) Hexachlorobutadiene	11.41	225	25480	40.39	ng		99
35) Caprolactam	12.00	113	26489m	56.26	ng		
36) 4-Chloro-3-methylphenol	12.34	107	71825	51.02	ng		98
37) 2-Methylnaphthalene	12.72	142	149149	47.92	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	61226	36.99	ng		99
40) Hexachlorocyclopentadiene	13.06	237	65338	89.73	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	49928	44.90	ng		98
43) 2,4,5-Trichlorophenol	13.38	196	54737	46.82	ng		95
45) 1,1'-Biphenyl	13.71	154	193401	38.85	ng		100
46) 2-Chloronaphthalene	13.76	162	144321	40.50	ng		98
47) 2-Nitroaniline	13.95	65	39949	46.81	ng		96
48) Acenaphthylene	14.60	152	265257	42.81	ng		99
49) Dimethylphthalate	14.32	163	202393	45.87	ng		100
50) 2,6-Dinitrotoluene	14.44	165	45512	48.13	ng		98
51) Acenaphthene	14.94	154	174485	46.44	ng		99
52) 3-Nitroaniline	14.77	138	20487	18.65	ng		96
53) 2,4-Dinitrophenol	14.97	184	39511	96.60	ng		95
54) Dibenzofuran	15.27	168	243224	48.94	ng		99
55) 4-Nitrophenol	15.07	139	85618	103.19	ng		97
56) 2,4-Dinitrotoluene	15.22	165	63688	52.11	ng		97
57) Fluorene	15.92	166	212363	46.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	48514	54.46	ng	#	99
59) Diethylphthalate	15.67	149	217183	47.88	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	91733	45.13	ng		95
61) 4-Nitroaniline	15.93	138	53779	48.77	ng		96
62) Azobenzene	16.19	77	177150	49.67	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	28575	44.44	ng		97
65) n-Nitrosodiphenylamine	16.11	169	182612	44.21	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	57403	42.51	ng		99
67) Hexachlorobenzene	16.91	284	62416	43.44	ng		98
68) Atrazine	17.05	200	58050	46.31	ng		99
69) Pentachlorophenol	17.25	266	72462	87.97	ng		97
70) Phenanthrene	17.65	178	326023	44.79	ng		98
71) Anthracene	17.74	178	327146	44.28	ng		99
72) Carbazole	18.01	167	294241	44.38	ng		99
73) Di-n-butylphthalate	18.54	149	361086	42.47	ng		99
74) Fluoranthene	19.64	202	335169	42.62	ng		100
76) Benzidine	19.81	184	68079	17.87	ng		99
77) Pyrene	20.00	202	346659	44.61	ng		99
79) Butylbenzylphthalate	20.87	149	162151	43.58	ng		97
80) Benzo(a)anthracene	21.86	228	316765	45.04	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	40003	15.32	ng		99
82) Chrysene	21.93	228	284942	43.08	ng		99
83) Bis(2-ethylhexyl)phthalate	21.74	149	239084	43.34	ng		99
84) Di-n-octyl phthalate	23.01	149	402264	44.43	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	348527	45.82	ng	#	88
87) Benzo(b)fluoranthene	24.18	252	311292	45.94	ng		99
88) Benzo(k)fluoranthene	24.25	252	304056	45.80	ng		100
89) Benzo(a)pyrene	25.09	252	299596	46.40	ng		99
90) Dibenzo(a,h)anthracene	29.17	278	287590	45.81	ng		97
91) Benzo(g,h,i)perylene	30.33	276	284715	45.69	ng		99

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

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