Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020940.D
Acq On : 18 Feb 2016 17:53
Operator : SJ/UM
Sample : PB88392BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88392BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:47 PM

Quant Time: Feb 19 00:10:55 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	17409	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	85746	20.00	ng		-0.02
38) Acenaphthene-d10	14.87	164	54905	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	130283	20.00	ng		0.00
75) Chrysene-d12	21.89	240	119873	20.00	ng		-0.02
86) Perylene-d12	25.25	264	113395	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	162629	157.32	ng		0.00
7) Phenol-d6	7.41	99	225538	149.27	ng		0.00
23) Nitrobenzene-d5	9.43	82	118549	90.90	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	90557	167.72	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	331693	84.86	ng		0.00
78) Terphenyl-d14	20.19	244	473527	92.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	15020	39.96	ng		99
3) Pyridine	4.04	79	46090	41.45	ng		98
4) n-Nitrosodimethylamine	3.95	42	13166	45.26	ng		98
6) Aniline	7.58	93	31902	16.93	ng		98
8) 2-Chlorophenol	7.82	128	62610	48.48	ng		99
9) Benzaldehyde	7.39	77	11629	15.37	ng		94
10) Phenol	7.43	94	78827	49.30	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	55503	43.46	ng		97
12) 1,3-Dichlorobenzene	8.15	146	59803	43.80	ng		100
13) 1,4-Dichlorobenzene	8.29	146	61109	44.14	ng		98
14) 1,2-Dichlorobenzene	8.62	146	60185	44.69	ng		98
15) Benzyl Alcohol	8.49	79	46416	48.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	53806	40.39	ng		99
17) 2-Methylphenol	8.70	107	54903	47.66	ng		98
18) Hexachloroethane	9.36	117	21856	45.92	ng		92
19) n-Nitroso-di-n-propylamine	9.06	70	41657	42.73	ng		98
20) 3+4-Methylphenols	9.02	107	77359	48.19	ng		97
22) Acetophenone	9.09	105	87850	42.50	ng	#	99
24) Nitrobenzene	9.47	77	59642	43.87	ng		100
25) Isophorone	10.00	82	121602	44.24	ng		98
26) 2-Nitrophenol	10.19	139	33702	47.11	ng		95
27) 2,4-Dimethylphenol	10.24	122	64807	47.27	ng		99
28) bis(2-Chloroethoxy)methane	10.47	93	80502	47.52	ng		99
29) 2,4-Dichlorophenol	10.72	162	63164	51.41	ng		100
30) 1,2,4-Trichlorobenzene	10.94	180	55118	44.53	ng		97
31) Naphthalene	11.14	128	196577	44.31	ng		98
32) Benzoic acid	10.35	122	39458	35.88	ng		97
33) 4-Chloroaniline	11.24	127	14000	7.34	ng		96
34) Hexachlorobutadiene	11.41	225	27768	44.02	ng		98
35) Caprolactam	12.00	113	27079m	57.52	ng		
36) 4-Chloro-3-methylphenol	12.34	107	72495	51.50	ng		98
37) 2-Methylnaphthalene	12.72	142	150924	48.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	62381	38.73	ng		98
40) Hexachlorocyclopentadiene	13.06	237	68707	96.97	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	51492	47.59	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	55986	49.22	ng		98
45) 1,1'-Biphenyl	13.71	154	197780	40.83	ng		99
46) 2-Chloronaphthalene	13.76	162	146275	42.18	ng		99
47) 2-Nitroaniline	13.96	65	41367	49.81	ng		98
48) Acenaphthylene	14.60	152	269586	44.71	ng		99
49) Dimethylphthalate	14.32	163	207664	48.37	ng		100
50) 2,6-Dinitrotoluene	14.44	165	45967	49.96	ng		98
51) Acenaphthene	14.94	154	176440	48.26	ng		98
52) 3-Nitroaniline	14.77	138	15881	14.86	ng		94
53) 2,4-Dinitrophenol	14.97	184	39556	99.14	ng		92
54) Dibenzofuran	15.26	168	247879	51.26	ng		99
55) 4-Nitrophenol	15.07	139	90165	111.68	ng		97
56) 2,4-Dinitrotoluene	15.22	165	65682	55.23	ng		97
57) Fluorene	15.91	166	216974	48.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	50244	57.96	ng		99
59) Diethylphthalate	15.67	149	224455	50.86	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	92548	46.79	ng		97
61) 4-Nitroaniline	15.93	138	55219	51.46	ng		97
62) Azobenzene	16.19	77	182423	52.57	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	28750	43.95	ng		99
65) n-Nitrosodiphenylamine	16.11	169	187390	44.52	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	60049	43.64	ng		98
67) Hexachlorobenzene	16.91	284	65266	44.57	ng		99
68) Atrazine	17.05	200	60539	47.39	ng		99
69) Pentachlorophenol	17.25	266	73749	87.86	ng		96
70) Phenanthrene	17.65	178	341580	46.05	ng		99
71) Anthracene	17.74	178	340753	45.26	ng		100
72) Carbazole	18.01	167	306556	45.38	ng		99
73) Di-n-butylphthalate	18.54	149	379701	43.83	ng		100
74) Fluoranthene	19.64	202	355329	44.35	ng		98
76) Benzidine	19.81	184	54977	14.18	ng		98
77) Pyrene	20.00	202	361441	45.71	ng		99
79) Butylbenzylphthalate	20.87	149	169257	44.71	ng		98
80) Benzo(a)anthracene	21.86	228	332191	46.42	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	36387	13.70	ng		98
82) Chrysene	21.93	228	294593	43.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	249325	44.42	ng		99
84) Di-n-octyl phthalate	23.01	149	425158	46.15	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	365154	47.18	ng	#	89
87) Benzo(b)fluoranthene	24.18	252	331243	47.73	ng		98
88) Benzo(k)fluoranthene	24.25	252	308786	45.41	ng		99
89) Benzo(a)pyrene	25.09	252	312622	47.28	ng		98
90) Dibenzo(a,h)anthracene	29.18	278	298230	46.38	ng		99
91) Benzo(g,h,i)perylene	30.33	276	297671	46.64	ng		97

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

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