Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018636.D
Acq On : 11 Sep 2015 13:03
Operator : UM/IZ
Sample : PB85375BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85375BS

Manual Integrations APPROVED
MMDadoda
9/14/2015 12:52:12 PM

Quant Time: Sep 12 01:18:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	54880	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	218166	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	145866	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	433571	20.00	ng		0.00
75) Chrysene-d12	21.64	240	466683	20.00	ng		0.00
86) Perylene-d12	24.83	264	466642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	397270	125.05	ng		0.00
7) Phenol-d6	7.17	99	558864	122.69	ng		0.00
23) Nitrobenzene-d5	9.17	82	311180	79.81	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	264829	134.84	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	810640	77.15	ng		0.00
78) Terphenyl-d14	19.98	244	1455875	81.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	40409	30.43	ng	#	100
3) Pyridine	3.87	79	125762	30.55	ng		96
4) n-Nitrosodimethylamine	3.78	42	50164	34.99	ng		85
6) Aniline	7.33	93	163189	26.00	ng		100
8) 2-Chlorophenol	7.57	128	144439	39.37	ng		96
9) Benzaldehyde	7.14	77	69881	28.49	ng		96
10) Phenol	7.19	94	193367	40.18	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	134349	36.03	ng		99
12) 1,3-Dichlorobenzene	7.89	146	150277	35.21	ng		97
13) 1,4-Dichlorobenzene	8.04	146	148784	34.76	ng		97
14) 1,2-Dichlorobenzene	8.36	146	146667	35.89	ng		96
15) Benzyl Alcohol	8.24	79	120590	36.73	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	153205	36.18	ng		98
17) 2-Methylphenol	8.45	107	129397	38.70	ng		95
18) Hexachloroethane	9.09	117	52120	34.05	ng		96
19) n-Nitroso-di-n-propylamine	8.80	70	105412	32.85	ng		95
20) 3+4-Methylphenols	8.77	107	182449	38.86	ng		91
22) Acetophenone	8.82	105	211026	38.18	ng	#	97
24) Nitrobenzene	9.21	77	157485	38.04	ng		99
25) Isophorone	9.73	82	303007	36.14	ng		100
26) 2-Nitrophenol	9.92	139	75019	38.84	ng		94
27) 2,4-Dimethylphenol	9.98	122	144415	41.17	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	183524	38.12	ng		99
29) 2,4-Dichlorophenol	10.45	162	151298	42.69	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	150598	38.34	ng		88
31) Naphthalene	10.86	128	442541	37.88	ng		99
32) Benzoic acid	10.10	122	106409	38.44	ng		91
33) 4-Chloroaniline	10.96	127	99860	18.89	ng		99
34) Hexachlorobutadiene	11.15	225	85478	36.91	ng		92
35) Caprolactam	11.72	113	68911m	45.22	ng		
36) 4-Chloro-3-methylphenol	12.09	107	164285	41.55	ng		94
37) 2-Methylnaphthalene	12.46	142	328746	38.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	170516	36.86	ng		98
40) Hexachlorocyclopentadiene	12.81	237	201831	86.87	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	128071	39.97	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	145256	41.33	ng		98
45) 1,1'-Biphenyl	13.47	154	441390	38.05	ng		100
46) 2-Chloronaphthalene	13.51	162	346343	38.75	ng		95
47) 2-Nitroaniline	13.71	65	112741	41.92	ng		97
48) Acenaphthylene	14.36	152	621029	39.31	ng		99
49) Dimethylphthalate	14.09	163	489690	40.54	ng		98
50) 2,6-Dinitrotoluene	14.20	165	112744	42.96	ng		100
51) Acenaphthene	14.70	154	361179	39.30	ng		99
52) 3-Nitroaniline	14.53	138	86954	27.73	ng		95
53) 2,4-Dinitrophenol	14.74	184	113641	85.03	ng		90
54) Dibenzofuran	15.03	168	586544	41.06	ng		100
55) 4-Nitrophenol	14.84	139	226706	93.64	ng		95
56) 2,4-Dinitrotoluene	14.99	165	167734	45.07	ng		96
57) Fluorene	15.68	166	508743	41.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.25	232	144749	43.92	ng		99
59) Diethylphthalate	15.45	149	533172	42.32	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	243251	41.17	ng		95
61) 4-Nitroaniline	15.70	138	146519	43.33	ng		99
62) Azobenzene	15.97	77	479801	43.09	ng		99
64) 4,6-Dinitro-2-methylphenol	15.75	198	83912	37.28	ng		97
65) n-Nitrosodiphenylamine	15.88	169	461106	36.72	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	168498	38.21	ng		97
67) Hexachlorobenzene	16.69	284	181921	37.97	ng		96
68) Atrazine	16.83	200	201365	40.33	ng		100
69) Pentachlorophenol	17.03	266	246544	83.44	ng		95
70) Phenanthrene	17.42	178	893140	39.16	ng		99
71) Anthracene	17.51	178	921586	39.91	ng		100
72) Carbazole	17.78	167	906583	40.56	ng		98
73) Di-n-butylphthalate	18.33	149	1066480	40.46	ng		100
74) Fluoranthene	19.43	202	1132277	40.09	ng		98
76) Benzidine	19.60	184	524505	37.43	ng		98
77) Pyrene	19.79	202	1156519	40.32	ng		98
79) Butylbenzylphthalate	20.67	149	461617	39.59	ng		99
80) Benzo(a)anthracene	21.62	228	1064355	39.61	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	257182	25.19	ng		99
82) Chrysene	21.69	228	963190	38.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	679541	40.40	ng		98
84) Di-n-octyl phthalate	22.73	149	1145738	40.27	ng		99
85) Indeno(1,2,3-cd)pyrene	28.48	276	1243183	38.69	ng	#	100
87) Benzo(b)fluoranthene	23.82	252	1110468	41.04	ng		97
88) Benzo(k)fluoranthene	23.89	252	1055183	38.92	ng		97
89) Benzo(a)pyrene	24.68	252	1059533	41.15	ng		99
90) Dibenzo(a,h)anthracene	28.55	278	1002760	39.55	ng		96
91) Benzo(g,h,i)perylene	29.62	276	1020343	39.52	ng		98

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

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