Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017177.D
Acq On : 15 May 2015 16:04
Operator : TP/IZ
Sample : PB83400BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83400BS

Manual Integrations APPROVED
apatel
5/18/2015 12:15:29 PM

Quant Time: May 16 00:45:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 00:01:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	49299	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	218257	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	147534	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	349949	20.00	ng		0.00
75) Chrysene-d12	21.29	240	367461	20.00	ng		0.00
86) Perylene-d12	23.56	264	360220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	345618	124.38	ng		0.00
7) Phenol-d6	6.91	99	470358	120.62	ng		0.00
23) Nitrobenzene-d5	8.87	82	312236	66.79	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	204016	114.39	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	653775	65.02	ng		0.00
78) Terphenyl-d14	19.74	244	1195606	67.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	36004	32.84	ng		98
3) Pyridine	3.57	79	108504	32.71	ng		93
4) n-Nitrosodimethylamine	3.49	42	82045	32.59	ng	#	99
6) Aniline	7.03	93	115309	21.37	ng		99
8) 2-Chlorophenol	7.28	128	126183	37.96	ng		94
9) Benzaldehyde	6.84	77	35347	11.38	ng		91
10) Phenol	6.93	94	169538	41.00	ng		97
11) bis(2-Chloroethyl)ether	7.13	93	112600	36.32	ng		96
12) 1,3-Dichlorobenzene	7.59	146	121695	32.78	ng		98
13) 1,4-Dichlorobenzene	7.74	146	122963	32.81	ng		96
14) 1,2-Dichlorobenzene	8.05	146	119481	33.38	ng		94
15) Benzyl Alcohol	7.95	79	130053	34.33	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	191395	38.07	ng		99
17) 2-Methylphenol	8.17	107	114559	38.21	ng		90
18) Hexachloroethane	8.78	117	51628	32.98	ng		89
19) n-Nitroso-di-n-propylamine	8.51	70	111180	32.73	ng		99
20) 3+4-Methylphenols	8.50	107	157379	37.77	ng		94
22) Acetophenone	8.53	105	184495	34.83	ng	#	99
24) Nitrobenzene	8.91	77	162652	35.56	ng		98
25) Isophorone	9.43	82	285941	33.18	ng		98
26) 2-Nitrophenol	9.62	139	71656	35.05	ng		98
27) 2,4-Dimethylphenol	9.69	122	130360	38.74	ng		98
28) bis(2-Chloroethoxy)methane	9.92	93	150359	35.84	ng		93
29) 2,4-Dichlorophenol	10.16	162	126328	39.79	ng		93
30) 1,2,4-Trichlorobenzene	10.36	180	118039	32.77	ng		98
31) Naphthalene	10.55	128	368841	34.53	ng	#	96
32) Benzoic acid	9.85	122	78137	34.26	ng	#	83
33) 4-Chloroaniline	10.66	127	80603	15.96	ng		95
34) Hexachlorobutadiene	10.83	225	72819	31.93	ng		97
35) Caprolactam	11.44	113	60443m	37.87	ng		
36) 4-Chloro-3-methylphenol	11.83	107	160680	40.06	ng		93
37) 2-Methylnaphthalene	12.17	142	284454	33.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	136875	32.79	ng		99
40) Hexachlorocyclopentadiene	12.52	237	174599	68.57	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	101668	34.34	ng		97
43) 2,4,5-Trichlorophenol	12.88	196	115111	37.73	ng		97
45) 1,1'-Biphenyl	13.19	154	373262	35.13	ng		98
46) 2-Chloronaphthalene	13.23	162	294039	34.95	ng		96
47) 2-Nitroaniline	13.45	65	122798	37.51	ng		98
48) Acenaphthylene	14.08	152	505103	35.05	ng		99
49) Dimethylphthalate	13.82	163	399522	34.63	ng		98
50) 2,6-Dinitrotoluene	13.94	165	91960	35.97	ng		99
51) Acenaphthene	14.42	154	301018	35.37	ng		98
52) 3-Nitroaniline	14.28	138	69561	24.53	ng	#	91
53) 2,4-Dinitrophenol	14.48	184	109751	73.95	ng		98
54) Dibenzofuran	14.76	168	463440	36.63	ng		98
55) 4-Nitrophenol	14.63	139	180439	79.01	ng		95
56) 2,4-Dinitrotoluene	14.74	165	136394	38.25	ng		90
57) Fluorene	15.41	166	403847	36.06	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.99	232	106421	38.01	ng		99
59) Diethylphthalate	15.19	149	435129	35.12	ng		98
60) 4-Chlorophenyl-phenylether	15.40	204	203646	35.40	ng		96
61) 4-Nitroaniline	15.45	138	117751	37.21	ng		96
62) Azobenzene	15.70	77	461829	39.01	ng		96
64) 4,6-Dinitro-2-methylphenol	15.50	198	75833	31.62	ng		94
65) n-Nitrosodiphenylamine	15.63	169	358297	33.35	ng		99
66) 4-Bromophenyl-phenylether	16.30	248	126857	33.24	ng		99
67) Hexachlorobenzene	16.42	284	135911	33.75	ng		94
68) Atrazine	16.58	200	146970	37.40	ng		98
69) Pentachlorophenol	16.77	266	172741	68.71	ng		94
70) Phenanthrene	17.15	178	633363	35.10	ng		98
71) Anthracene	17.24	178	658040	35.98	ng		99
72) Carbazole	17.52	167	635188	37.80	ng		100
73) Di-n-butylphthalate	18.08	149	825013	36.69	ng		99
74) Fluoranthene	19.17	202	785395	36.24	ng		95
76) Benzidine	19.36	184	317835	26.49	ng		98
77) Pyrene	19.54	202	808215	35.85	ng		99
79) Butylbenzylphthalate	20.44	149	374631	36.55	ng		94
80) Benzo(a)anthracene	21.28	228	752582	35.74	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	197588	24.25	ng		98
82) Chrysene	21.33	228	702506	35.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.21	149	520551	35.73	ng		99
84) Di-n-octyl phthalate	22.09	149	874640	36.06	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	844169	35.97	ng		97
87) Benzo(b)fluoranthene	22.88	252	748588	35.65	ng	#	97
88) Benzo(k)fluoranthene	22.92	252	729765m	36.61	ng		
89) Benzo(a)pyrene	23.46	252	711661	36.91	ng		98
90) Dibenzo(a,h)anthracene	25.90	278	708616	35.80	ng	#	96
91) Benzo(g,h,i)perylene	26.59	276	674093	36.18	ng	#	96

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

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