Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017027.D
Acq On : 10 May 2015 15:28
Operator : TP/IZ
Sample : PB83231BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83231BS

Manual Integrations APPROVED
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5/12/2015 4:27:08 PM

Quant Time: May 11 06:14:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	49007	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	225373	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	148506	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	355580	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	370214	20.00	ng		-0.02
86) Perylene-d12	23.64	264	360222	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	457236	162.46	ng		0.00
7) Phenol-d6	6.98	99	634215	157.73	ng		0.00
23) Nitrobenzene-d5	8.95	82	410631	89.01	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	270147	181.20	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	859556	87.34	ng		-0.02
78) Terphenyl-d14	19.80	244	1507679	95.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	41678	35.33	ng	#	1
3) Pyridine	3.68	79	125032	34.29	ng		99
4) n-Nitrosodimethylamine	3.59	42	98655	45.32	ng		86
6) Aniline	7.12	93	193683	34.30	ng		99
8) 2-Chlorophenol	7.36	128	167707	51.43	ng		99
9) Benzaldehyde	6.93	77	112823	40.28	ng		95
10) Phenol	7.00	94	229437	53.21	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	148739	44.61	ng		92
12) 1,3-Dichlorobenzene	7.68	146	153710	42.75	ng		95
13) 1,4-Dichlorobenzene	7.82	146	158490	43.52	ng		98
14) 1,2-Dichlorobenzene	8.14	146	155416	44.47	ng		94
15) Benzyl Alcohol	8.03	79	178727	48.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	261019	42.29	ng		99
17) 2-Methylphenol	8.25	107	151137	49.78	ng		98
18) Hexachloroethane	8.86	117	67921	45.37	ng		90
19) n-Nitroso-di-n-propylamine	8.59	70	146143	41.45	ng		98
20) 3+4-Methylphenols	8.57	107	207606	49.62	ng		95
22) Acetophenone	8.61	105	243159	45.30	ng	#	99
24) Nitrobenzene	8.99	77	213181	45.76	ng		97
25) Isophorone	9.51	82	384443	41.27	ng		99
26) 2-Nitrophenol	9.70	139	95530	50.36	ng		97
27) 2,4-Dimethylphenol	9.77	122	172477	50.24	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	198757	42.27	ng		97
29) 2,4-Dichlorophenol	10.24	162	168376	51.92	ng		97
30) 1,2,4-Trichlorobenzene	10.44	180	152959	44.48	ng		92
31) Naphthalene	10.63	128	498380	44.46	ng		99
32) Benzoic acid	9.91	122	126898	57.35	ng		94
33) 4-Chloroaniline	10.74	127	107734	20.81	ng		98
34) Hexachlorobutadiene	10.91	225	94510	43.91	ng		94
35) Caprolactam	11.52	113	82168m	48.77	ng		
36) 4-Chloro-3-methylphenol	11.89	107	218014	52.50	ng		97
37) 2-Methylnaphthalene	12.25	142	389478	45.62	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	182221	45.39	ng	#	100
40) Hexachlorocyclopentadiene	12.59	237	216814	83.63	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	137671m	48.39	ng		
43) 2,4,5-Trichlorophenol	12.95	196	152206	50.40	ng		96
45) 1,1'-Biphenyl	13.26	154	494808	46.54	ng		99
46) 2-Chloronaphthalene	13.30	162	387244	45.98	ng		98
47) 2-Nitroaniline	13.51	65	171049	58.35	ng		93
48) Acenaphthylene	14.15	152	668632	45.59	ng		99
49) Dimethylphthalate	13.89	163	525179	47.36	ng		99
50) 2,6-Dinitrotoluene	14.01	165	123479	53.63	ng		92
51) Acenaphthene	14.49	154	401526	46.00	ng		96
52) 3-Nitroaniline	14.34	138	107709	41.12	ng		93
53) 2,4-Dinitrophenol	14.54	184	127666	121.23	ng	#	82
54) Dibenzofuran	14.83	168	619187	49.96	ng		94
55) 4-Nitrophenol	14.67	139	249091	112.15	ng		91
56) 2,4-Dinitrotoluene	14.80	165	187470	63.65	ng	#	95
57) Fluorene	15.47	166	545909	49.75	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	146903	56.38	ng	#	77
59) Diethylphthalate	15.26	149	569740	48.67	ng		98
60) 4-Chlorophenyl-phenylether	15.47	204	274078	49.71	ng		98
61) 4-Nitroaniline	15.51	138	163915	53.98	ng		91
62) Azobenzene	15.76	77	618412	51.01	ng		95
64) 4,6-Dinitro-2-methylphenol	15.56	198	106477	60.39	ng		91
65) n-Nitrosodiphenylamine	15.69	169	483784	44.57	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	166938	46.77	ng		97
67) Hexachlorobenzene	16.48	284	182543	48.50	ng		94
68) Atrazine	16.64	200	198460	50.81	ng		95
69) Pentachlorophenol	16.82	266	250825	102.65	ng		97
70) Phenanthrene	17.22	178	863577	47.19	ng		99
71) Anthracene	17.31	178	883391	47.85	ng		100
72) Carbazole	17.58	167	857195	48.84	ng		100
73) Di-n-butylphthalate	18.14	149	1109034	48.74	ng		100
74) Fluoranthene	19.23	202	1031650	48.59	ng		100
76) Benzidine	19.42	184	516217	41.04	ng		98
77) Pyrene	19.59	202	1051430	48.12	ng		99
79) Butylbenzylphthalate	20.49	149	495028	47.67	ng		97
80) Benzo(a)anthracene	21.33	228	970342	48.86	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	237660	30.65	ng		100
82) Chrysene	21.38	228	886103	47.64	ng		97
83) Bis(2-ethylhexyl)phthalate	21.26	149	685396	48.25	ng		99
84) Di-n-octyl phthalate	22.15	149	1150610	48.22	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1090747	49.20	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	958840	47.78	ng		99
88) Benzo(k)fluoranthene	22.99	252	949948	49.21	ng		99
89) Benzo(a)pyrene	23.55	252	938940	50.18	ng		99
90) Dibenzo(a,h)anthracene	26.01	278	940959	49.23	ng		97
91) Benzo(g,h,i)perylene	26.73	276	890267	48.91	ng		100

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

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