Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017024.D
Acq On : 10 May 2015 13:44
Operator : TP/IZ
Sample : G2104-08MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102MS

Manual Integrations APPROVED
apatel
5/19/2015 9:23:55 AM

Quant Time: May 11 06:32:26 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	56470	20.00	ng		-0.02
21) Naphthalene-d8	10.59	136	266646	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	184145	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	398030	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	378958	20.00	ng		-0.02
86) Perylene-d12	23.64	264	373793	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	246957	76.15	ng		0.00
7) Phenol-d6	6.97	99	237385	51.23	ng		0.00
23) Nitrobenzene-d5	8.95	82	524747	96.14	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	338197	182.94	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	1132551	92.81	ng		-0.02
78) Terphenyl-d14	19.80	244	1532262	94.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	20329	14.96	ng	#	1
3) Pyridine	3.68	79	59934	14.26	ng		98
4) n-Nitrosodimethylamine	3.59	42	47249	18.84	ng		100
6) Aniline	7.12	93	147411	22.66	ng		95
8) 2-Chlorophenol	7.36	128	155533	41.40	ng		98
9) Benzaldehyde	6.93	77	74948	20.69	ng		98
10) Phenol	7.00	94	87452	17.60	ng		96
11) bis(2-Chloroethyl)ether	7.22	93	177119	46.10	ng		98
12) 1,3-Dichlorobenzene	7.68	146	150611	36.35	ng		97
13) 1,4-Dichlorobenzene	7.82	146	155218	36.99	ng		96
14) 1,2-Dichlorobenzene	8.14	146	156181	38.78	ng		93
15) Benzyl Alcohol	8.03	79	143770	33.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	306187	43.06	ng		97
17) 2-Methylphenol	8.25	107	124333	35.54	ng		97
18) Hexachloroethane	8.86	117	61943	35.91	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	183146	45.08	ng		96
20) 3+4-Methylphenols	8.57	107	157056	32.57	ng		96
22) Acetophenone	8.61	105	301348	47.45	ng		94
24) Nitrobenzene	8.99	77	260813	47.32	ng		97
25) Isophorone	9.51	82	498448	45.23	ng		99
26) 2-Nitrophenol	9.70	139	110148	49.08	ng		91
27) 2,4-Dimethylphenol	9.77	122	176316	43.41	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	257754	46.33	ng		99
29) 2,4-Dichlorophenol	10.24	162	195144	50.86	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	171441	42.13	ng		96
31) Naphthalene	10.63	128	578285	43.60	ng		98
32) Benzoic acid	9.88	122	53967	26.07	ng	#	85
33) 4-Chloroaniline	10.74	127	144481	23.59	ng		96
34) Hexachlorobutadiene	10.91	225	99010	38.88	ng		94
35) Caprolactam	11.57	113	17469m	8.76	ng		
36) 4-Chloro-3-methylphenol	11.88	107	242107	49.28	ng		96
37) 2-Methylnaphthalene	12.25	142	475774	47.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	224252	45.05	ng	#	100
40) Hexachlorocyclopentadiene	12.59	237	228232	70.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	170550	48.35	ng		93
43) 2,4,5-Trichlorophenol	12.95	196	188870	50.44	ng		97
45) 1,1'-Biphenyl	13.26	154	625473	47.44	ng		99
46) 2-Chloronaphthalene	13.31	162	490653	46.98	ng		97
47) 2-Nitroaniline	13.51	65	212561	58.48	ng		92
48) Acenaphthylene	14.15	152	836033	45.97	ng		100
49) Dimethylphthalate	13.89	163	678813	49.37	ng		100
50) 2,6-Dinitrotoluene	14.01	165	160215	56.12	ng		89
51) Acenaphthene	14.49	154	507491	46.89	ng		98
52) 3-Nitroaniline	14.34	138	115774	35.64	ng		99
53) 2,4-Dinitrophenol	14.55	184	188179	144.11	ng	#	83
54) Dibenzofuran	14.83	168	771318	50.19	ng		95
55) 4-Nitrophenol	14.68	139	103673	37.64	ng		92
56) 2,4-Dinitrotoluene	14.80	165	222638	60.96	ng		97
57) Fluorene	15.48	166	672511	49.43	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	172555	53.41	ng	#	78
59) Diethylphthalate	15.26	149	721083	49.68	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	337547	49.38	ng		98
61) 4-Nitroaniline	15.51	138	176039	46.75	ng		87
62) Azobenzene	15.76	77	784022	52.15	ng		95
64) 4,6-Dinitro-2-methylphenol	15.56	198	128449	65.09	ng		85
65) n-Nitrosodiphenylamine	15.69	169	584364	48.10	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	206148	51.60	ng		95
67) Hexachlorobenzene	16.48	284	215344	51.11	ng		98
68) Atrazine	16.64	200	223781	51.18	ng		97
69) Pentachlorophenol	16.83	266	279716	102.26	ng		99
70) Phenanthrene	17.22	178	990379	48.35	ng		98
71) Anthracene	17.31	178	999519	48.37	ng		99
72) Carbazole	17.58	167	958356	48.78	ng		99
73) Di-n-butylphthalate	18.14	149	1221522	47.96	ng		99
74) Fluoranthene	19.23	202	1104540	46.48	ng		98
76) Benzidine	19.42	184	27712	2.15	ng		97
77) Pyrene	19.59	202	1131628	50.59	ng		98
79) Butylbenzylphthalate	20.49	149	537512	50.56	ng		99
80) Benzo(a)anthracene	21.33	228	1035167	50.92	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	242607	30.56	ng		99
82) Chrysene	21.38	228	980263	51.48	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	749134	51.52	ng		99
84) Di-n-octyl phthalate	22.15	149	1226570	50.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1166668	51.41	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1045553	50.21	ng		98
88) Benzo(k)fluoranthene	22.99	252	1020301	50.93	ng		99
89) Benzo(a)pyrene	23.54	252	1001731	51.59	ng		98
90) Dibenzo(a,h)anthracene	26.02	278	1011945	51.02	ng		98
91) Benzo(g,h,i)perylene	26.73	276	965459	51.12	ng		99

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

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