Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016236.D
Acq On : 6 Apr 2015 22:34
Operator : TP/IZ
Sample : G1757-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SW01MS

Manual Integrations APPROVED
apatel
4/7/2015 5:08:22 PM

Quant Time: Apr 07 06:03:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	67982	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	344341	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	213751	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	439397	20.00	ng		0.00
75) Chrysene-d12	21.26	240	369775	20.00	ng		0.00
86) Perylene-d12	23.51	264	342452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	236484	54.90	ng		0.00
7) Phenol-d6	6.87	99	243016	37.58	ng		0.00
23) Nitrobenzene-d5	8.86	82	462083	77.74	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	196141	135.68	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	1030793	82.11	ng		0.00
78) Terphenyl-d14	19.71	244	1242410	78.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	21298	10.88	ng		95
3) Pyridine	3.58	79	33421	5.71	ng		90
4) n-Nitrosodimethylamine	3.49	42	20728	11.91	ng	#	98
6) Aniline	7.03	93	108935	11.80	ng		97
8) 2-Chlorophenol	7.27	128	171778	33.21	ng		98
9) Benzaldehyde	6.84	77	118488	31.28	ng		98
10) Phenol	6.90	94	90262	13.05	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	205955	37.33	ng		100
12) 1,3-Dichlorobenzene	7.59	146	185356	35.48	ng		98
13) 1,4-Dichlorobenzene	7.74	146	187229	34.55	ng		98
14) 1,2-Dichlorobenzene	8.05	146	187727	36.22	ng		99
15) Benzyl Alcohol	7.94	79	97482	21.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	246290	39.64	ng		100
17) 2-Methylphenol	8.15	107	142066	30.62	ng		97
18) Hexachloroethane	8.77	117	71180	34.34	ng		96
19) n-Nitroso-di-n-propylamine	8.51	70	181867	39.25	ng		96
20) 3+4-Methylphenols	8.47	107	174649	27.18	ng		99
22) Acetophenone	8.52	105	317884	39.81	ng	#	98
24) Nitrobenzene	8.90	77	248701	39.13	ng		94
25) Isophorone	9.42	82	518701	39.30	ng		100
26) 2-Nitrophenol	9.60	139	121950	41.14	ng		97
27) 2,4-Dimethylphenol	9.67	122	218014	39.49	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	306793	40.72	ng		100
29) 2,4-Dichlorophenol	10.14	162	186748	42.75	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	176357	38.67	ng		99
31) Naphthalene	10.54	128	695178	38.74	ng		99
32) Benzoic acid	9.76	122	35597	16.82	ng		99
33) 4-Chloroaniline	10.65	127	177504	21.08	ng		98
34) Hexachlorobutadiene	10.82	225	76785	38.32	ng		97
35) Caprolactam	11.41	113	12639m	4.60	ng		
36) 4-Chloro-3-methylphenol	11.78	107	231473	40.11	ng		97
37) 2-Methylnaphthalene	12.15	142	538650	41.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	184402	39.18	ng		99
40) Hexachlorocyclopentadiene	12.51	237	173121	80.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	145459	41.59	ng	99
43) 2,4,5-Trichlorophenol	12.84	196	164261	43.96	ng	99
45) 1,1'-Biphenyl	13.17	154	674376	41.13	ng	99
46) 2-Chloronaphthalene	13.21	162	501720	40.17	ng	99
47) 2-Nitroaniline	13.42	65	168646	41.89	ng	96
48) Acenaphthylene	14.06	152	869743	39.16	ng	99
49) Dimethylphthalate	13.81	163	659616	42.11	ng	100
50) 2,6-Dinitrotoluene	13.92	165	164221	43.34	ng	97
51) Acenaphthene	14.40	154	543711	40.97	ng	99
52) 3-Nitroaniline	14.25	138	124036	25.64	ng	95
53) 2,4-Dinitrophenol	14.46	184	185390	84.08	ng	98
54) Dibenzofuran	14.74	168	782966	42.51	ng	99
55) 4-Nitrophenol	14.56	139	127618	31.91	ng	98
56) 2,4-Dinitrotoluene	14.71	165	231238	44.81	ng	96
57) Fluorene	15.39	166	686441	42.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	127934	44.37	ng	96
59) Diethylphthalate	15.17	149	706998	42.40	ng	99
60) 4-Chlorophenyl-phenylether	15.39	204	283964	42.72	ng	97
61) 4-Nitroaniline	15.41	138	161106	29.33	ng	99
62) Azobenzene	15.68	77	753478	42.45	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	123244	40.51	ng	97
65) n-Nitrosodiphenylamine	15.60	169	607309	40.89	ng	99
66) 4-Bromophenyl-phenylether	16.28	248	153444	43.74	ng	96
67) Hexachlorobenzene	16.39	284	158182	43.38	ng	96
68) Atrazine	16.55	200	179437	43.34	ng	99
69) Pentachlorophenol	16.73	266	194590	87.40	ng	99
70) Phenanthrene	17.12	178	1011506	40.93	ng	98
71) Anthracene	17.21	178	1021842	41.72	ng	99
72) Carbazole	17.48	167	1055035	42.92	ng	99
73) Di-n-butylphthalate	18.05	149	1265755	42.08	ng	99
74) Fluoranthene	19.14	202	1060231	41.62	ng	99
76) Benzidine	19.32	184	101522	6.47	ng	99
77) Pyrene	19.50	202	1102736	42.83	ng	99
79) Butylbenzylphthalate	20.40	149	569601	45.03	ng	98
80) Benzo(a)anthracene	21.24	228	919619	42.08	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	195156	27.15	ng	99
82) Chrysene	21.30	228	864529	40.98	ng	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	766634	44.77	ng	99
84) Di-n-octyl phthalate	22.05	149	1260391	45.17	ng	100
85) Indeno(1,2,3-cd)pyrene	25.80	276	939334	42.86	ng	99
87) Benzo(b)fluoranthene	22.83	252	844800	42.12	ng	98
88) Benzo(k)fluoranthene	22.88	252	863661	44.00	ng	99
89) Benzo(a)pyrene	23.41	252	829499	44.13	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	781802	42.74	ng	97
91) Benzo(g,h,i)perylene	26.51	276	798474	43.70	ng	99

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

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