Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016904.D
Acq On : 6 May 2015 17:53
Operator : TP/IZ
Sample : G2084-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11MSD

Quant Time: May 07 05:03:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 03:57:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	66246	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	303556	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	197717	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	424753	20.00	ng		0.00
75) Chrysene-d12	21.36	240	411897	20.00	ng		0.00
86) Perylene-d12	23.67	264	392914	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	635467	167.03	ng		0.00
7) Phenol-d6	6.97	99	901426	165.84	ng		0.00
23) Nitrobenzene-d5	8.96	82	578183	93.05	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	314088	158.24	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	1160671	88.58	ng		0.00
78) Terphenyl-d14	19.81	244	1629366	92.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	60776	38.12	ng	#	1
3) Pyridine	3.68	79	144402	29.30	ng		98
4) n-Nitrosodimethylamine	3.61	42	135080	45.91	ng		95
6) Aniline	7.13	93	192751	25.25	ng		97
8) 2-Chlorophenol	7.37	128	219874	49.89	ng		98
9) Benzaldehyde	6.94	77	126723	31.77	ng		96
10) Phenol	7.00	94	308103	52.86	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	211730	46.98	ng		98
12) 1,3-Dichlorobenzene	7.69	146	201896	41.54	ng		95
13) 1,4-Dichlorobenzene	7.84	146	207983	42.25	ng		95
14) 1,2-Dichlorobenzene	8.15	146	201972	42.75	ng		94
15) Benzyl Alcohol	8.04	79	240774	48.50	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.34	45	381514	45.73	ng		98
17) 2-Methylphenol	8.24	107	205595	50.09	ng		98
18) Hexachloroethane	8.88	117	86906	42.95	ng		95
19) n-Nitroso-di-n-propylamine	8.61	70	209031	43.86	ng		96
20) 3+4-Methylphenols	8.57	107	280366	49.57	ng		97
22) Acetophenone	8.62	105	329555	45.58	ng		97
24) Nitrobenzene	9.00	77	281995	44.94	ng		99
25) Isophorone	9.52	82	537923	42.87	ng		98
26) 2-Nitrophenol	9.71	139	122774	48.05	ng		96
27) 2,4-Dimethylphenol	9.77	122	218620	47.28	ng		98
28) bis(2-Chloroethoxy)methane	10.01	93	286287	45.20	ng		97
29) 2,4-Dichlorophenol	10.24	162	213790	48.94	ng		99
30) 1,2,4-Trichlorobenzene	10.46	180	204834	44.22	ng		98
31) Naphthalene	10.65	128	654400	43.34	ng		99
32) Benzoic acid	9.89	122	118373	43.74	ng		98
33) 4-Chloroaniline	10.75	127	89235	12.80	ng		97
34) Hexachlorobutadiene	10.93	225	117962	40.69	ng		96
35) Caprolactam	11.53	113	103635m	45.67	ng		
36) 4-Chloro-3-methylphenol	11.88	107	277516	49.62	ng		99
37) 2-Methylnaphthalene	12.26	142	508126	44.18	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	227489	42.57	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	280894	81.38	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	169054	44.63	ng		97
43) 2,4,5-Trichlorophenol	12.94	196	182204	45.32	ng		97
45) 1,1'-Biphenyl	13.27	154	646190	45.65	ng		99
46) 2-Chloronaphthalene	13.31	162	494632	44.11	ng		99
47) 2-Nitroaniline	13.52	65	201303	51.58	ng		97
48) Acenaphthylene	14.16	152	830633	42.54	ng		99
49) Dimethylphthalate	13.90	163	721783	48.89	ng		100
50) 2,6-Dinitrotoluene	14.02	165	148573	48.47	ng		91
51) Acenaphthene	14.51	154	500627	43.08	ng		96
52) 3-Nitroaniline	14.35	138	97641	28.00	ng		93
53) 2,4-Dinitrophenol	14.55	184	145056	103.46	ng	#	81
54) Dibenzofuran	14.84	168	757622	45.91	ng		98
55) 4-Nitrophenol	14.65	139	290311	98.18	ng		97
56) 2,4-Dinitrotoluene	14.81	165	205172	52.32	ng		96
57) Fluorene	15.49	166	653633	44.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	159779	46.06	ng	#	76
59) Diethylphthalate	15.27	149	695452	44.62	ng		98
60) 4-Chlorophenyl-phenylether	15.49	204	319808	43.57	ng		97
61) 4-Nitroaniline	15.51	138	180773	44.71	ng		96
62) Azobenzene	15.77	77	786983	48.76	ng		95
64) 4,6-Dinitro-2-methylphenol	15.56	198	106317	50.48	ng		94
65) n-Nitrosodiphenylamine	15.70	169	570512	44.00	ng		97
66) 4-Bromophenyl-phenylether	16.38	248	193619	45.41	ng		95
67) Hexachlorobenzene	16.49	284	205202	45.64	ng		97
68) Atrazine	16.65	200	221131	47.39	ng		97
69) Pentachlorophenol	16.83	266	263926	90.42	ng		96
70) Phenanthrene	17.23	178	964690	44.13	ng		99
71) Anthracene	17.32	178	966059	43.81	ng		100
72) Carbazole	17.58	167	935286	44.61	ng		100
73) Di-n-butylphthalate	18.15	149	1180384	43.43	ng		98
74) Fluoranthene	19.24	202	1078129	42.51	ng		97
76) Benzidine	19.43	184	198563	14.19	ng		99
77) Pyrene	19.61	202	1085713	44.66	ng		100
79) Butylbenzylphthalate	20.50	149	533597	46.18	ng		95
80) Benzo(a)anthracene	21.34	228	1000683	45.29	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	220596	25.57	ng		94
82) Chrysene	21.40	228	936967	45.27	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	742918	47.01	ng		100
84) Di-n-octyl phthalate	22.18	149	1245745	46.92	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.04	276	1124060	45.58	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1033926	47.24	ng		98
88) Benzo(k)fluoranthene	23.02	252	942776	44.77	ng		99
89) Benzo(a)pyrene	23.57	252	965639	47.31	ng		97
90) Dibenzo(a,h)anthracene	26.05	278	945860	45.37	ng		99
91) Benzo(g,h,i)perylene	26.76	276	919161	46.30	ng		100

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

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