Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
Data File : BG017060.D
Acq On : 11 May 2015 19:11
Operator : TP/IZ
Sample : G2177-20MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-30A(20-25)MS

Quant Time: May 12 04:56:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 04:00:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	55414	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	247752	20.00	ng		0.00
38) Acenaphthene-d10	14.41	164	163509	20.00	ng		0.00
63) Phenanthrene-d10	17.15	188	369834	20.00	ng		0.00
75) Chrysene-d12	21.33	240	374473	20.00	ng		0.00
86) Perylene-d12	23.62	264	366752	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	512053	160.90	ng		0.00
7) Phenol-d6	6.95	99	708084	155.74	ng		0.00
23) Nitrobenzene-d5	8.92	82	466936	92.07	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	290746	177.13	ng		0.00
44) 2-Fluorobiphenyl	13.03	172	956780	88.30	ng		0.00
78) Terphenyl-d14	19.78	244	1470947	92.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	45212	33.90	ng	#	1
3) Pyridine	3.62	79	149104	36.16	ng		95
4) n-Nitrosodimethylamine	3.54	42	108694	44.16	ng	#	95
6) Aniline	7.09	93	239688	37.54	ng		98
8) 2-Chlorophenol	7.33	128	178963	48.54	ng		99
9) Benzaldehyde	6.89	77	101707	30.20	ng		95
10) Phenol	6.97	94	242985	49.84	ng		96
11) bis(2-Chloroethyl)ether	7.19	93	167785	44.51	ng		97
12) 1,3-Dichlorobenzene	7.64	146	174041	42.81	ng		96
13) 1,4-Dichlorobenzene	7.79	146	173087	42.03	ng		99
14) 1,2-Dichlorobenzene	8.10	146	171117	43.30	ng		96
15) Benzyl Alcohol	8.00	79	191999	46.24	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	281120	40.28	ng		98
17) 2-Methylphenol	8.22	107	165772	48.28	ng		98
18) Hexachloroethane	8.83	117	71987	42.53	ng		95
19) n-Nitroso-di-n-propylamine	8.56	70	160666	40.30	ng		98
20) 3+4-Methylphenols	8.54	107	229350	48.48	ng		94
22) Acetophenone	8.58	105	271862	46.07	ng		98
24) Nitrobenzene	8.96	77	228071	44.53	ng		99
25) Isophorone	9.48	82	435873	42.57	ng		99
26) 2-Nitrophenol	9.66	139	103250	49.52	ng		96
27) 2,4-Dimethylphenol	9.74	122	186388	49.39	ng		95
28) bis(2-Chloroethoxy)methane	9.96	93	227484	44.01	ng		98
29) 2,4-Dichlorophenol	10.21	162	184192	51.66	ng		97
30) 1,2,4-Trichlorobenzene	10.41	180	174055	46.04	ng		99
31) Naphthalene	10.60	128	541360	43.93	ng		98
32) Benzoic acid	9.81	122	3587m	2.03	ng		
33) 4-Chloroaniline	10.72	127	200698	35.27	ng		96
34) Hexachlorobutadiene	10.89	225	103273	43.65	ng		98
35) Caprolactam	11.49	113	86818m	46.87	ng		
36) 4-Chloro-3-methylphenol	11.87	107	230370	50.46	ng		98
37) 2-Methylnaphthalene	12.21	142	417954	44.53	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	194472	44.00	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	255576	89.53	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	151146	48.25	ng		96
43) 2,4,5-Trichlorophenol	12.93	196	166799	50.17	ng		94
45) 1,1'-Biphenyl	13.24	154	519998	44.42	ng		100
46) 2-Chloronaphthalene	13.28	162	413333	44.58	ng		98
47) 2-Nitroaniline	13.49	65	172703	53.51	ng		98
48) Acenaphthylene	14.12	152	700490	43.38	ng		100
49) Dimethylphthalate	13.87	163	617249	50.55	ng		99
50) 2,6-Dinitrotoluene	13.99	165	131838	52.01	ng		98
51) Acenaphthene	14.47	154	413123	42.99	ng		94
52) 3-Nitroaniline	14.32	138	117791	40.84	ng		87
53) 2,4-Dinitrophenol	14.52	184	21367	18.43	ng		91
54) Dibenzofuran	14.81	168	631762	46.30	ng		98
55) 4-Nitrophenol	14.66	139	228236	93.33	ng		93
56) 2,4-Dinitrotoluene	14.78	165	181126	55.85	ng		99
57) Fluorene	15.45	166	557350	46.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	141942	49.48	ng	#	76
59) Diethylphthalate	15.23	149	590232	45.79	ng		99
60) 4-Chlorophenyl-phenylether	15.45	204	281110	46.31	ng		96
61) 4-Nitroaniline	15.49	138	166767	49.88	ng		96
62) Azobenzene	15.75	77	621961	46.59	ng		97
64) 4,6-Dinitro-2-methylphenol	15.54	198	79543	43.38	ng		96
65) n-Nitrosodiphenylamine	15.67	169	486537	43.10	ng		98
66) 4-Bromophenyl-phenylether	16.35	248	168661	45.44	ng		91
67) Hexachlorobenzene	16.46	284	181213	46.29	ng		97
68) Atrazine	16.62	200	195284	48.07	ng		96
69) Pentachlorophenol	16.81	266	230022	90.51	ng		96
70) Phenanthrene	17.20	178	835712	43.91	ng		99
71) Anthracene	17.29	178	857839	44.68	ng		99
72) Carbazole	17.56	167	841594	46.11	ng		99
73) Di-n-butylphthalate	18.12	149	1066146	45.05	ng		99
74) Fluoranthene	19.21	202	991115	44.88	ng		98
76) Benzidine	19.40	184	771570	60.64	ng		100
77) Pyrene	19.58	202	1024138	46.34	ng		98
79) Butylbenzylphthalate	20.48	149	485894	46.26	ng		99
80) Benzo(a)anthracene	21.32	228	945188	47.05	ng		98
81) 3,3'-Dichlorobenzidine	21.26	252	257428	32.82	ng		94
82) Chrysene	21.37	228	883879	46.98	ng		99
83) Bis(2-ethylhexyl)phthalate	21.25	149	665472	46.31	ng		99
84) Di-n-octyl phthalate	22.14	149	1125871	46.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	25.97	276	1077515	48.05	ng	#	100
87) Benzo(b)fluoranthene	22.93	252	957793	46.88	ng		97
88) Benzo(k)fluoranthene	22.97	252	930584	47.35	ng		99
89) Benzo(a)pyrene	23.52	252	919062	48.24	ng		99
90) Dibenzo(a,h)anthracene	25.98	278	910391	46.78	ng		96
91) Benzo(g,h,i)perylene	26.69	276	866933	46.78	ng		97

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

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