Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022234.D
Acq On : 8 Jun 2016 12:44
Operator : UM/SJ
Sample : H3402-05MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16MS

Quant Time: Jun 08 17:51:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27087	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	139123	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	87816	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	196018	20.00	ng		0.00
75) Chrysene-d12	21.77	240	186342	20.00	ng		0.00
86) Perylene-d12	25.06	264	178894	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	251248	179.34	ng		0.00
7) Phenol-d6	7.28	99	381006	172.97	ng		0.00
23) Nitrobenzene-d5	9.29	82	199885	100.17	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	145464	146.60	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	537635	93.30	ng		0.00
78) Terphenyl-d14	20.08	244	732639	93.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	23102	34.39	ng	#	82
3) Pyridine	3.92	79	68634	37.81	ng		98
4) n-Nitrosodimethylamine	3.84	42	20440	50.36	ng		84
6) Aniline	7.44	93	99943	35.71	ng	#	83
8) 2-Chlorophenol	7.68	128	110347	56.99	ng	#	79
9) Benzaldehyde	7.26	77	6059	5.00	ng	#	77
10) Phenol	7.30	94	135462	59.65	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	92465	51.07	ng	#	72
12) 1,3-Dichlorobenzene	8.01	146	96384	46.44	ng	#	90
13) 1,4-Dichlorobenzene	8.15	146	99903	48.31	ng		94
14) 1,2-Dichlorobenzene	8.47	146	99064	47.52	ng		95
15) Benzyl Alcohol	8.35	79	72542	50.97	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	91777	48.85	ng		82
17) 2-Methylphenol	8.57	107	94985	56.05	ng	#	86
18) Hexachloroethane	9.21	117	36043	47.73	ng	#	79
19) n-Nitroso-di-n-propylamine	8.92	70	72350	48.52	ng	#	69
20) 3+4-Methylphenols	8.89	107	132822	54.64	ng		95
22) Acetophenone	8.95	105	150077	50.06	ng	#	81
24) Nitrobenzene	9.33	77	103824	51.74	ng	#	82
25) Isophorone	9.85	82	220849	47.30	ng	#	93
26) 2-Nitrophenol	10.05	139	55696	51.18	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	105589	53.61	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	135772	50.76	ng		94
29) 2,4-Dichlorophenol	10.59	162	105732	57.95	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	101084	49.58	ng		94
31) Naphthalene	10.99	128	345353	49.73	ng	#	97
32) Benzoic acid	10.20	122	5898	16.66	ng	#	56
33) 4-Chloroaniline	11.10	127	61066	21.15	ng	#	90
34) Hexachlorobutadiene	11.26	225	51749	47.28	ng		95
35) Caprolactam	11.87	113	44481m	44.44	ng		
36) 4-Chloro-3-methylphenol	12.21	107	117961	54.54	ng	#	82
37) 2-Methylnaphthalene	12.58	142	252031	49.16	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	113232	50.09	ng		99
40) Hexachlorocyclopentadiene	12.92	237	101719	87.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	82956	54.70	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	87290	52.10	ng		95
45) 1,1'-Biphenyl	13.58	154	332270	50.28	ng		95
46) 2-Chloronaphthalene	13.63	162	260020	51.33	ng		97
47) 2-Nitroaniline	13.84	65	60015	49.68	ng	#	42
48) Acenaphthylene	14.47	152	443454	49.89	ng		97
49) Dimethylphthalate	14.19	163	441083	60.58	ng		99
50) 2,6-Dinitrotoluene	14.32	165	79716	50.36	ng	#	76
51) Acenaphthene	14.81	154	261215	49.05	ng		98
52) 3-Nitroaniline	14.66	138	54489	31.04	ng	#	80
53) 2,4-Dinitrophenol	14.87	184	31772	53.37	ng	#	74
54) Dibenzofuran	15.15	168	412854	49.68	ng		97
55) 4-Nitrophenol	14.98	139	125355	103.46	ng	#	72
56) 2,4-Dinitrotoluene	15.11	165	107697	50.72	ng	#	81
57) Fluorene	15.79	166	348783	48.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	76701	51.04	ng		95
59) Diethylphthalate	15.55	149	362384	46.59	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	161962	49.96	ng		93
61) 4-Nitroaniline	15.82	138	84314	45.28	ng	#	75
62) Azobenzene	16.07	77	296018	50.26	ng		86
64) 4,6-Dinitro-2-methylphenol	15.87	198	42631	43.48	ng		84
65) n-Nitrosodiphenylamine	15.99	169	298442	52.85	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	95074	51.76	ng		96
67) Hexachlorobenzene	16.80	284	105995	49.51	ng		96
68) Atrazine	16.93	200	100006	47.84	ng		96
69) Pentachlorophenol	17.14	266	100776	101.82	ng		99
70) Phenanthrene	17.53	178	532516	50.02	ng		99
71) Anthracene	17.63	178	525721	49.79	ng		98
72) Carbazole	17.90	167	494386	49.44	ng		99
73) Di-n-butylphthalate	18.43	149	631660	48.32	ng		98
74) Fluoranthene	19.54	202	593597	48.50	ng		97
76) Benzidine	19.72	184	208000	42.69	ng		99
77) Pyrene	19.89	202	592059	51.11	ng		100
79) Butylbenzylphthalate	20.76	149	273548	50.92	ng		91
80) Benzo(a)anthracene	21.74	228	526458	50.38	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	89784	30.61	ng		99
82) Chrysene	21.81	228	505154	49.68	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	407024	51.52	ng		96
84) Di-n-octyl phthalate	22.85	149	682113	52.00	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.84	276	586425	51.41	ng		100
87) Benzo(b)fluoranthene	24.01	252	515402	49.40	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	513127	49.96	ng	#	97
89) Benzo(a)pyrene	24.91	252	499609	50.08	ng		98
90) Dibenzo(a,h)anthracene	28.89	278	483675	51.48	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	493277	50.46	ng	#	95

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

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