Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021121.D
Acq On : 27 Feb 2016 19:02
Operator : UM/SJ
Sample : H1565-03MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MS

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:01 PM

Quant Time: Feb 29 02:21:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	6476	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	31897	20.00	ng		-0.01
38) Acenaphthene-d10	14.77	164	20822	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	53044	20.00	ng		0.00
75) Chrysene-d12	21.78	240	59689	20.00	ng		-0.01
86) Perylene-d12	25.06	264	54433	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	71582	193.52	ng		0.00
7) Phenol-d6	7.32	99	111337	202.27	ng		0.00
23) Nitrobenzene-d5	9.33	82	78715	117.58	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	41172	150.82	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	151421	93.06	ng		0.00
78) Terphenyl-d14	20.10	244	271603	106.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	7348	42.90	ng	#	85
3) Pyridine	4.01	79	24422	48.75	ng		96
4) n-Nitrosodimethylamine	3.92	42	13457	52.98	ng		91
6) Aniline	7.49	93	23892	35.09	ng		95
8) 2-Chlorophenol	7.73	128	27804	60.27	ng		82
9) Benzaldehyde	7.30	77	5033	16.88	ng	#	84
10) Phenol	7.34	94	40484	71.80	ng		76
11) bis(2-Chloroethyl)ether	7.58	93	26665	61.69	ng		97
12) 1,3-Dichlorobenzene	8.06	146	25688	52.32	ng	#	92
13) 1,4-Dichlorobenzene	8.20	146	26745	50.99	ng		95
14) 1,2-Dichlorobenzene	8.52	146	26100	52.55	ng		94
15) Benzyl Alcohol	8.40	79	33104	68.85	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	38676	78.04	ng		92
17) 2-Methylphenol	8.60	107	27197	68.33	ng	#	86
18) Hexachloroethane	9.26	117	10677	53.81	ng		87
19) n-Nitroso-di-n-propylamine	8.97	70	27593	64.99	ng	#	96
20) 3+4-Methylphenols	8.93	107	37182	67.38	ng		93
22) Acetophenone	8.99	105	44737	50.81	ng	#	95
24) Nitrobenzene	9.37	77	40944	59.20	ng	#	88
25) Isophorone	9.90	82	75180	59.91	ng	#	96
26) 2-Nitrophenol	10.09	139	15663	53.56	ng	#	52
27) 2,4-Dimethylphenol	10.13	122	29246	56.70	ng		84
28) bis(2-Chloroethoxy)methane	10.37	93	39061	63.88	ng		99
29) 2,4-Dichlorophenol	10.62	162	28528	56.50	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	26860	46.94	ng		100
31) Naphthalene	11.03	128	87431	53.36	ng		99
32) Benzoic acid	10.21	122	7178	15.16	ng		97
33) 4-Chloroaniline	11.13	127	7960	11.63	ng	#	87
34) Hexachlorobutadiene	11.31	225	17327	45.25	ng		93
35) Caprolactam	11.91	113	11511m	67.47	ng		
36) 4-Chloro-3-methylphenol	12.23	107	38604	62.37	ng		85
37) 2-Methylnaphthalene	12.62	142	64919	56.42	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	33975	44.15	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	45916	90.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	26134	54.16	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	28901	58.30	ng		92
45) 1,1'-Biphenyl	13.62	154	84863	48.40	ng		99
46) 2-Chloronaphthalene	13.66	162	67543	50.77	ng		96
47) 2-Nitroaniline	13.86	65	31036	72.00	ng	#	77
48) Acenaphthylene	14.50	152	113627	53.98	ng		98
49) Dimethylphthalate	14.23	163	127785	71.21	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	20776	56.27	ng	#	61
51) Acenaphthene	14.84	154	84270	58.69	ng		99
52) 3-Nitroaniline	14.67	138	10704	29.80	ng	#	68
53) 2,4-Dinitrophenol	14.87	184	23816	92.52	ng		87
54) Dibenzofuran	15.17	168	107752	59.24	ng	#	90
55) 4-Nitrophenol	14.97	139	40834	128.15	ng	#	58
56) 2,4-Dinitrotoluene	15.13	165	31702	59.88	ng	#	83
57) Fluorene	15.82	166	94804	53.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	26166	60.72	ng	#	97
59) Diethylphthalate	15.58	149	106971	56.56	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	47646	48.95	ng		100
61) 4-Nitroaniline	15.84	138	24845	60.74	ng	#	56
62) Azobenzene	16.10	77	120289	73.41	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	20205	51.93	ng		93
65) n-Nitrosodiphenylamine	16.02	169	86054	54.99	ng		94
66) 4-Bromophenyl-phenylether	16.70	248	29742	47.62	ng	#	88
67) Hexachlorobenzene	16.81	284	30349	46.06	ng	#	87
68) Atrazine	16.96	200	34940	60.25	ng		95
69) Pentachlorophenol	17.15	266	43573	97.97	ng		89
70) Phenanthrene	17.55	178	157249	55.10	ng		98
71) Anthracene	17.65	178	157805	54.90	ng		99
72) Carbazole	17.91	167	148173	59.71	ng		98
73) Di-n-butylphthalate	18.46	149	198826	60.78	ng	#	98
74) Fluoranthene	19.54	202	192517	53.77	ng		98
76) Benzidine	19.72	184	67835	43.20	ng		99
77) Pyrene	19.91	202	195821	59.25	ng		98
79) Butylbenzylphthalate	20.78	149	89685	65.02	ng	#	88
80) Benzo(a)anthracene	21.75	228	187997	54.74	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	29719	22.11	ng		98
82) Chrysene	21.82	228	170674	51.60	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	131566	61.77	ng		95
84) Di-n-octyl phthalate	22.89	149	223751	62.68	ng		97
85) Indeno(1,2,3-cd)pyrene	28.81	276	200154	50.19	ng	#	100
87) Benzo(b)fluoranthene	24.02	252	186732	54.88	ng		97
88) Benzo(k)fluoranthene	24.09	252	183153	54.61	ng		96
89) Benzo(a)pyrene	24.90	252	179460	54.95	ng		98
90) Dibenzo(a,h)anthracene	28.87	278	171321	52.03	ng		98
91) Benzo(g,h,i)perylene	29.99	276	163615	51.59	ng		96

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

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