Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021113.D
Acq On : 27 Feb 2016 13:48
Operator : UM/SJ
Sample : H1578-07MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Manual Integrations APPROVED
Sohil
2/29/2016 12:38:57 PM

Quant Time: Feb 29 01:12:25 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	8.17	152	7051	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	32528	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	20232	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	49340	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	54918	20.00	ng		-0.02
86) Perylene-d12	25.06	264	49297	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	24233	60.17	ng		0.00
7) Phenol-d6	7.31	99	21840	36.44	ng		-0.02
23) Nitrobenzene-d5	9.34	82	73126	107.11	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	36552	137.80	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	152144	96.23	ng		0.00
78) Terphenyl-d14	20.10	244	203115	86.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	2711	14.54	ng	#	88
3) Pyridine	4.02	79	6156	11.29	ng		94
4) n-Nitrosodimethylamine	3.92	42	4133	14.95	ng	#	93
6) Aniline	7.49	93	14790	19.95	ng		92
8) 2-Chlorophenol	7.73	128	20430	40.67	ng		92
9) Benzaldehyde	7.30	77	3866	11.91	ng		86
10) Phenol	7.34	94	8074	13.15	ng	#	72
11) bis(2-Chloroethyl)ether	7.58	93	25231	53.62	ng		99
12) 1,3-Dichlorobenzene	8.06	146	25531	47.76	ng	#	92
13) 1,4-Dichlorobenzene	8.21	146	26793	46.92	ng		98
14) 1,2-Dichlorobenzene	8.52	146	25551	47.25	ng		96
15) Benzyl Alcohol	8.40	79	14831	28.33	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	33551	62.18	ng		92
17) 2-Methylphenol	8.60	107	14588	33.66	ng	#	89
18) Hexachloroethane	9.26	117	10486	48.54	ng	#	90
19) n-Nitroso-di-n-propylamine	8.97	70	26132	56.53	ng		96
20) 3+4-Methylphenols	8.92	107	17182	28.60	ng		89
22) Acetophenone	8.99	105	44060	49.07	ng	#	97
24) Nitrobenzene	9.38	77	38703	54.88	ng		91
25) Isophorone	9.89	82	70320	54.95	ng		97
26) 2-Nitrophenol	10.09	139	14133	47.40	ng	#	69
27) 2,4-Dimethylphenol	10.13	122	22994	43.72	ng	#	83
28) bis(2-Chloroethoxy)methane	10.38	93	35943	57.64	ng		98
29) 2,4-Dichlorophenol	10.62	162	24196	46.99	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	26728	45.80	ng		96
31) Naphthalene	11.03	128	84366	50.49	ng		98
32) Benzoic acid	10.20	122	3962	8.20	ng		88
33) 4-Chloroaniline	11.13	127	11854	16.99	ng	#	91
34) Hexachlorobutadiene	11.31	225	17266	44.22	ng		92
35) Caprolactam	11.90	113	861m	4.95	ng		
36) 4-Chloro-3-methylphenol	12.23	107	28455	45.08	ng		91
37) 2-Methylnaphthalene	12.62	142	63005	53.69	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	34115	45.63	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	47573	96.76	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	23484	50.09	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	25627	53.20	ng	#	94
45) 1,1'-Biphenyl	13.61	154	82503	48.42	ng		94
46) 2-Chloronaphthalene	13.66	162	65048	50.32	ng		98
47) 2-Nitroaniline	13.85	65	25178	60.11	ng	#	71
48) Acenaphthylene	14.50	152	104289	50.99	ng		98
49) Dimethylphthalate	14.23	163	90466	51.88	ng	#	99
50) 2,6-Dinitrotoluene	14.35	165	19068	53.15	ng	#	71
51) Acenaphthene	14.84	154	66533	47.69	ng		99
52) 3-Nitroaniline	14.67	138	8373	23.99	ng	#	70
53) 2,4-Dinitrophenol	14.88	184	25943	103.72	ng		92
54) Dibenzofuran	15.17	168	99514	56.31	ng		92
55) 4-Nitrophenol	14.96	139	9450	30.52	ng	#	53
56) 2,4-Dinitrotoluene	15.13	165	27903	54.24	ng	#	82
57) Fluorene	15.82	166	87095	50.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	23227	55.47	ng	#	98
59) Diethylphthalate	15.58	149	95161	51.78	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	45557	48.17	ng		99
61) 4-Nitroaniline	15.83	138	17661	44.43	ng	#	58
62) Azobenzene	16.10	77	102529	64.39	ng		91
64) 4,6-Dinitro-2-methylphenol	15.88	198	17505	48.37	ng		95
65) n-Nitrosodiphenylamine	16.02	169	77288	53.10	ng		91
66) 4-Bromophenyl-phenylether	16.70	248	27355	47.09	ng	#	90
67) Hexachlorobenzene	16.82	284	28789	46.98	ng	#	91
68) Atrazine	16.96	200	28857	53.50	ng		99
69) Pentachlorophenol	17.16	266	39682	95.92	ng		96
70) Phenanthrene	17.56	178	139280	52.46	ng		98
71) Anthracene	17.64	178	138826	51.92	ng		98
72) Carbazole	17.91	167	129880	56.27	ng		97
73) Di-n-butylphthalate	18.46	149	170480	56.03	ng	#	98
74) Fluoranthene	19.55	202	171353	51.45	ng		97
76) Benzidine	19.72	184	26246	18.17	ng		98
77) Pyrene	19.91	202	173605	57.09	ng		99
79) Butylbenzylphthalate	20.78	149	76571	60.34	ng		88
80) Benzo(a)anthracene	21.76	228	170526	53.97	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	27308	22.09	ng		99
82) Chrysene	21.82	228	153071	50.30	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	112171	57.24	ng	#	95
84) Di-n-octyl phthalate	22.89	149	191922	58.43	ng		96
85) Indeno(1,2,3-cd)pyrene	28.81	276	182051	49.62	ng	#	100
87) Benzo(b)fluoranthene	24.02	252	167118m	54.23	ng		
88) Benzo(k)fluoranthene	24.08	252	166433	54.79	ng		95
89) Benzo(a)pyrene	24.91	252	162180	54.83	ng		98
90) Dibenzo(a,h)anthracene	28.88	278	154733	51.89	ng		97
91) Benzo(g,h,i)perylene	29.99	276	148558	51.72	ng		95

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

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