Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019896.D
Acq On : 4 Dec 2015 7:38
Operator : UM/NP
Sample : G4609-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-8.5-9.0-113015MSD

Quant Time: Dec 04 10:48:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27292	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	119629	20.00	ng		-0.01
38) Acenaphthene-d10	14.75	164	85408	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	219323	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	260132	20.00	ng		-0.02
86) Perylene-d12	25.05	264	244437	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	244666	162.03	ng		0.00
7) Phenol-d6	7.27	99	364766	159.99	ng		0.00
23) Nitrobenzene-d5	9.29	82	237726	101.42	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	180770	138.33	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	564770	90.29	ng		-0.01
78) Terphenyl-d14	20.10	244	943098	88.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	24439	41.54	ng	#	100
3) Pyridine	3.93	79	56118	31.41	ng	#	88
4) n-Nitrosodimethylamine	3.84	42	41597	44.27	ng		85
6) Aniline	7.44	93	92296	31.26	ng	#	86
8) 2-Chlorophenol	7.68	128	95393	51.81	ng		92
9) Benzaldehyde	7.25	77	36826	24.22	ng		91
10) Phenol	7.29	94	138852	57.87	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	89025	50.10	ng		86
12) 1,3-Dichlorobenzene	8.01	146	96442	46.21	ng	#	91
13) 1,4-Dichlorobenzene	8.16	146	98550	45.72	ng		96
14) 1,2-Dichlorobenzene	8.47	146	97398	47.37	ng		93
15) Benzyl Alcohol	8.36	79	106318	53.14	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	138187	47.68	ng		91
17) 2-Methylphenol	8.55	107	90816	53.61	ng	#	90
18) Hexachloroethane	9.21	117	36757	45.54	ng		91
19) n-Nitroso-di-n-propylamine	8.93	70	85476	47.54	ng		91
20) 3+4-Methylphenols	8.89	107	128110	53.71	ng		93
22) Acetophenone	8.95	105	151555	46.22	ng	#	93
24) Nitrobenzene	9.33	77	128390	50.49	ng		90
25) Isophorone	9.85	82	233776	46.52	ng	#	96
26) 2-Nitrophenol	10.04	139	54777	55.78	ng	#	76
27) 2,4-Dimethylphenol	10.10	122	101984	49.87	ng		89
28) bis(2-Chloroethoxy)methane	10.34	93	130187	53.02	ng		97
29) 2,4-Dichlorophenol	10.58	162	113682	54.42	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	110924	46.98	ng		99
31) Naphthalene	10.99	128	313653	48.94	ng		99
32) Benzoic acid	10.20	122	47452	36.13	ng		88
33) 4-Chloroaniline	11.09	127	51111	18.10	ng	#	93
34) Hexachlorobutadiene	11.28	225	77586	44.55	ng		96
35) Caprolactam	11.87	113	39137m	50.33	ng		
36) 4-Chloro-3-methylphenol	12.20	107	129221	49.67	ng		96
37) 2-Methylnaphthalene	12.59	142	239438	50.98	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	146803	45.29	ng		98
40) Hexachlorocyclopentadiene	12.93	237	168194	91.01	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	104327	48.62	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	116206	51.24	ng		95
45) 1,1'-Biphenyl	13.59	154	315151	44.96	ng		99
46) 2-Chloronaphthalene	13.63	162	255807	47.35	ng		94
47) 2-Nitroaniline	13.83	65	93400	54.74	ng		90
48) Acenaphthylene	14.48	152	433295	47.08	ng		99
49) Dimethylphthalate	14.20	163	453128	58.98	ng		100
50) 2,6-Dinitrotoluene	14.32	165	75901	52.55	ng	#	76
51) Acenaphthene	14.81	154	300564	53.83	ng		99
52) 3-Nitroaniline	14.64	138	54954	36.62	ng		90
53) 2,4-Dinitrophenol	14.85	184	75427	96.03	ng	#	82
54) Dibenzofuran	15.15	168	426426	51.33	ng		95
55) 4-Nitrophenol	14.94	139	131075	100.29	ng	#	63
56) 2,4-Dinitrotoluene	15.10	165	111496	55.32	ng	#	83
57) Fluorene	15.79	166	341557	45.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	110322	52.56	ng		98
59) Diethylphthalate	15.57	149	367879	44.24	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	190203	44.55	ng		96
61) 4-Nitroaniline	15.81	138	82584	48.93	ng	#	82
62) Azobenzene	16.08	77	353206	51.05	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	63686	51.22	ng		93
65) n-Nitrosodiphenylamine	16.00	169	313211	49.35	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	125338	45.99	ng		97
67) Hexachlorobenzene	16.79	284	137434	48.41	ng		99
68) Atrazine	16.95	200	131269	47.60	ng		96
69) Pentachlorophenol	17.14	266	169556	102.33	ng		97
70) Phenanthrene	17.54	178	579925	46.73	ng		98
71) Anthracene	17.63	178	598404	47.34	ng		96
72) Carbazole	17.89	167	522704	46.94	ng		98
73) Di-n-butylphthalate	18.45	149	617900	45.27	ng		98
74) Fluoranthene	19.54	202	714317	45.01	ng		95
76) Benzidine	19.71	184	83251	9.74	ng		95
77) Pyrene	19.90	202	738172	48.23	ng		96
79) Butylbenzylphthalate	20.78	149	292726	48.80	ng		100
80) Benzo(a)anthracene	21.75	228	742843	46.65	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	164512	27.13	ng		96
82) Chrysene	21.82	228	680678	45.02	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	416414	47.30	ng		99
84) Di-n-octyl phthalate	22.90	149	707955	49.46	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.83	276	840325	50.46	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	740696	47.81	ng	#	94
88) Benzo(k)fluoranthene	24.08	252	702802	45.81	ng	#	95
89) Benzo(a)pyrene	24.91	252	706078	48.01	ng	#	97
90) Dibenzo(a,h)anthracene	28.90	278	694484	47.79	ng	#	92
91) Benzo(g,h,i)perylene	30.00	276	695646	48.75	ng	#	91

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

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