Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019973.D
Acq On : 6 Dec 2015 18:59
Operator : UM/NP
Sample : G4614-14MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S23-15MS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:32:25 PM

Quant Time: Dec 07 04:41:39 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	8.11	152	30853	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	134741	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	92575	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	233851	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	280723	20.00	ng		-0.04
86) Perylene-d12	25.03	264	270185	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	281864	165.12	ng		-0.01
7) Phenol-d6	7.27	99	418146	162.23	ng		0.00
23) Nitrobenzene-d5	9.28	82	271293	102.76	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	202411	142.90	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	566841	83.60	ng		-0.02
78) Terphenyl-d14	20.09	244	977964	84.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27848	41.88	ng	#	100
3) Pyridine	3.92	79	78363	38.80	ng	#	86
4) n-Nitrosodimethylamine	3.84	42	46793	44.05	ng		87
6) Aniline	7.44	93	85949	25.75	ng	#	88
8) 2-Chlorophenol	7.68	128	107140	51.47	ng		97
9) Benzaldehyde	7.24	77	40518m	23.57	ng		
10) Phenol	7.29	94	153780	56.69	ng		77
11) bis(2-Chloroethyl)ether	7.53	93	97471	48.52	ng		91
12) 1,3-Dichlorobenzene	8.00	146	107555	45.59	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	109933	45.11	ng		94
14) 1,2-Dichlorobenzene	8.47	146	107082	46.07	ng		94
15) Benzyl Alcohol	8.35	79	116669	51.58	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	150158	45.83	ng		94
17) 2-Methylphenol	8.55	107	99419	51.92	ng	#	93
18) Hexachloroethane	9.21	117	39440	43.22	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	93389	45.94	ng		90
20) 3+4-Methylphenols	8.88	107	139525	51.74	ng		93
22) Acetophenone	8.94	105	166780	45.16	ng	#	94
24) Nitrobenzene	9.32	77	141028	49.24	ng		90
25) Isophorone	9.85	82	251727	44.47	ng		99
26) 2-Nitrophenol	10.04	139	60803	54.97	ng	#	70
27) 2,4-Dimethylphenol	10.09	122	109833	47.68	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	142851	51.65	ng		98
29) 2,4-Dichlorophenol	10.58	162	124732	53.01	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	117605	44.22	ng		93
31) Naphthalene	10.99	128	337148	46.71	ng		98
32) Benzoic acid	10.18	122	39593	28.32	ng		91
33) 4-Chloroaniline	11.09	127	53362	16.78	ng		95
34) Hexachlorobutadiene	11.26	225	81820	41.71	ng		98
35) Caprolactam	11.86	113	42054m	48.01	ng		
36) 4-Chloro-3-methylphenol	12.20	107	142957	48.78	ng		96
37) 2-Methylnaphthalene	12.58	142	247579	46.80	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	156169	44.45	ng		99
40) Hexachlorocyclopentadiene	12.93	237	167364	83.55	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	114499	49.23	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	126330	51.39	ng		96
45) 1,1'-Biphenyl	13.58	154	329619	43.39	ng		98
46) 2-Chloronaphthalene	13.62	162	268330	45.82	ng		96
47) 2-Nitroaniline	13.82	65	103353	55.88	ng		85
48) Acenaphthylene	14.46	152	446672	44.78	ng		100
49) Dimethylphthalate	14.19	163	494483	59.38	ng		99
50) 2,6-Dinitrotoluene	14.31	165	83330	53.22	ng	#	79
51) Acenaphthene	14.81	154	297382	49.13	ng		96
52) 3-Nitroaniline	14.64	138	60896	37.44	ng		96
53) 2,4-Dinitrophenol	14.84	184	54118	66.70	ng	#	79
54) Dibenzofuran	15.14	168	438183	48.66	ng		93
55) 4-Nitrophenol	14.94	139	145696	102.85	ng	#	66
56) 2,4-Dinitrotoluene	15.09	165	119820	54.85	ng	#	88
57) Fluorene	15.79	166	351739	43.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	124199	54.59	ng		97
59) Diethylphthalate	15.55	149	387592	43.01	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	195057	42.15	ng		95
61) 4-Nitroaniline	15.80	138	91690	50.12	ng	#	82
62) Azobenzene	16.07	77	358945	47.86	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	64331	48.84	ng		90
65) n-Nitrosodiphenylamine	15.99	169	328792	48.59	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	130856	45.03	ng		97
67) Hexachlorobenzene	16.79	284	138718	45.83	ng		97
68) Atrazine	16.93	200	145614	49.53	ng		97
69) Pentachlorophenol	17.13	266	184207	104.26	ng		95
70) Phenanthrene	17.53	178	602732	45.55	ng		98
71) Anthracene	17.62	178	612216	45.43	ng		97
72) Carbazole	17.88	167	567124	47.77	ng		98
73) Di-n-butylphthalate	18.44	149	655892	45.07	ng		99
74) Fluoranthene	19.53	202	751779	44.42	ng		95
76) Benzidine	19.71	184	63730	6.91	ng		95
77) Pyrene	19.89	202	766746	46.43	ng		97
79) Butylbenzylphthalate	20.77	149	301375	46.56	ng		97
80) Benzo(a)anthracene	21.74	228	774919	45.10	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	167863	25.65	ng	#	97
82) Chrysene	21.81	228	704681	43.19	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	441348	46.46	ng		98
84) Di-n-octyl phthalate	22.88	149	766181	49.61	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.78	276	875900	48.73	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	764986	44.67	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	730308	43.06	ng	#	96
89) Benzo(a)pyrene	24.89	252	735731	45.26	ng	#	95
90) Dibenzo(a,h)anthracene	28.86	278	725155	45.15	ng	#	93
91) Benzo(g,h,i)perylene	29.96	276	718705	45.57	ng	#	93

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

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