Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018756.D
Acq On : 18 Sep 2015 2:47
Operator : TP
Sample : G3685-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-K1-K2-K3-K4MS

Manual Integrations APPROVED
MMDadoda
9/18/2015 4:58:03 PM

Quant Time: Sep 18 06:33:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 03:41:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	43021	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	193580	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	136729	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	357188	20.00	ng		0.00
75) Chrysene-d12	21.63	240	363770	20.00	ng		0.00
86) Perylene-d12	24.82	264	372588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	398557	160.04	ng		0.00
7) Phenol-d6	7.17	99	578076	161.89	ng		0.00
23) Nitrobenzene-d5	9.16	82	328284	94.90	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	293597	159.47	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	900299	91.41	ng		0.00
78) Terphenyl-d14	19.98	244	1371656	99.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	36165	34.74	ng	#	100
3) Pyridine	3.87	79	100481	31.14	ng		95
4) n-Nitrosodimethylamine	3.78	42	45292	40.31	ng	#	78
6) Aniline	7.33	93	139595	28.37	ng		98
8) 2-Chlorophenol	7.57	128	153738	53.46	ng		92
9) Benzaldehyde	7.14	77	58613	30.49	ng		94
10) Phenol	7.20	94	211648	56.11	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	142264	48.67	ng		98
12) 1,3-Dichlorobenzene	7.89	146	154822	46.27	ng		96
13) 1,4-Dichlorobenzene	8.04	146	155614	46.38	ng		99
14) 1,2-Dichlorobenzene	8.35	146	153068	47.78	ng		98
15) Benzyl Alcohol	8.24	79	133686	51.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	160849	48.45	ng		99
17) 2-Methylphenol	8.44	107	141848	54.12	ng		99
18) Hexachloroethane	9.09	117	53288	44.42	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	115915	46.09	ng		95
20) 3+4-Methylphenols	8.77	107	203237	55.22	ng		95
22) Acetophenone	8.82	105	233420	47.60	ng	#	98
24) Nitrobenzene	9.21	77	168991	46.00	ng		99
25) Isophorone	9.72	82	339575	45.64	ng		98
26) 2-Nitrophenol	9.91	139	90289	52.68	ng		99
27) 2,4-Dimethylphenol	9.98	122	162232	52.13	ng		99
28) bis(2-Chloroethoxy)methane	10.20	93	209448	49.03	ng		97
29) 2,4-Dichlorophenol	10.45	162	177310	56.38	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	170965	49.05	ng		93
31) Naphthalene	10.86	128	497086	47.95	ng		99
32) Benzoic acid	10.10	122	79744	33.70	ng		87
33) 4-Chloroaniline	10.96	127	81528	17.38	ng		99
34) Hexachlorobutadiene	11.14	225	95557	46.50	ng		97
35) Caprolactam	11.74	113	68015m	50.30	ng		
36) 4-Chloro-3-methylphenol	12.08	107	200722	57.21	ng		96
37) 2-Methylnaphthalene	12.46	142	384415	50.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	201077	46.37	ng		98
40) Hexachlorocyclopentadiene	12.81	237	190173	87.32	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	13.07	196	156417	52.08	ng		97
43) 2,4,5-Trichlorophenol	13.14	196	175387	53.24	ng		97
45) 1,1'-Biphenyl	13.46	154	514602	47.33	ng		100
46) 2-Chloronaphthalene	13.51	162	408306	48.74	ng		98
47) 2-Nitroaniline	13.71	65	121742	48.30	ng		88
48) Acenaphthylene	14.35	152	716980	48.42	ng		97
49) Dimethylphthalate	14.08	163	775168	68.46	ng		100
50) 2,6-Dinitrotoluene	14.20	165	125342	50.95	ng		96
51) Acenaphthene	14.69	154	416703	48.37	ng		97
52) 3-Nitroaniline	14.53	138	86585	29.46	ng		92
53) 2,4-Dinitrophenol	14.74	184	88260	71.76	ng		98
54) Dibenzofuran	15.03	168	678673	50.69	ng		100
55) 4-Nitrophenol	14.85	139	225045	99.16	ng		96
56) 2,4-Dinitrotoluene	14.99	165	180950	51.87	ng		95
57) Fluorene	15.67	166	568266	49.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.25	232	162310	52.54	ng		99
59) Diethylphthalate	15.45	149	561152	47.52	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	280430	50.63	ng		95
61) 4-Nitroaniline	15.70	138	143750	45.36	ng		96
62) Azobenzene	15.96	77	507275	48.61	ng		97
64) 4,6-Dinitro-2-methylphenol	15.75	198	84054	44.16	ng		97
65) n-Nitrosodiphenylamine	15.88	169	507534	49.06	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	184912	50.90	ng		98
67) Hexachlorobenzene	16.68	284	206222	52.25	ng		99
68) Atrazine	16.83	200	202651	49.27	ng		99
69) Pentachlorophenol	17.03	266	242936	99.80	ng		97
70) Phenanthrene	17.41	178	920804	49.01	ng		100
71) Anthracene	17.50	178	940036	49.41	ng		99
72) Carbazole	17.77	167	871418	47.33	ng		100
73) Di-n-butylphthalate	18.32	149	1026067	47.25	ng		99
74) Fluoranthene	19.42	202	1074789	46.19	ng		98
76) Benzidine	19.60	184	252570	23.12	ng		97
77) Pyrene	19.78	202	1100323	49.22	ng		100
79) Butylbenzylphthalate	20.66	149	460141	50.63	ng		99
80) Benzo(a)anthracene	21.61	228	1041591	49.73	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	246600	30.99	ng		98
82) Chrysene	21.68	228	938735	47.60	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	666170	50.81	ng		98
84) Di-n-octyl phthalate	22.71	149	1145195	51.64	ng		100
85) Indeno(1,2,3-cd)pyrene	28.45	276	1227649	49.02	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1102454	51.02	ng		97
88) Benzo(k)fluoranthene	23.88	252	1035251	47.83	ng		99
89) Benzo(a)pyrene	24.67	252	1055445	51.34	ng		99
90) Dibenzo(a,h)anthracene	28.51	278	1004148	49.60	ng		99
91) Benzo(g,h,i)perylene	29.60	276	1008328	48.91	ng		98

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

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