Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040815\
Data File : BG016283.D
Acq On : 8 Apr 2015 19:44
Operator : TP/IZ
Sample : G1794-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-18-12-13MS

Quant Time: Apr 09 05:16:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 02:28:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	69601	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	327198	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	197401	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	415738	20.00	ng		0.00
75) Chrysene-d12	21.26	240	368783	20.00	ng		0.00
86) Perylene-d12	23.50	264	348336	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	617211	139.95	ng		0.01
7) Phenol-d6	6.88	99	909770	137.42	ng		0.01
23) Nitrobenzene-d5	8.86	82	478569	84.73	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	192517	144.21	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	950443	81.98	ng		0.00
78) Terphenyl-d14	19.71	244	1153839	73.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	66414	33.13	ng		99
3) Pyridine	3.57	79	199124	33.23	ng		96
4) n-Nitrosodimethylamine	3.49	42	67498	37.89	ng		99
6) Aniline	7.03	93	274470	29.03	ng		97
8) 2-Chlorophenol	7.26	128	241117	45.53	ng		98
9) Benzaldehyde	6.84	77	81831	21.10	ng		98
10) Phenol	6.91	94	348837	49.25	ng		100
11) bis(2-Chloroethyl)ether	7.13	93	226332	40.07	ng		98
12) 1,3-Dichlorobenzene	7.59	146	210687	39.39	ng		98
13) 1,4-Dichlorobenzene	7.73	146	217706	39.24	ng		99
14) 1,2-Dichlorobenzene	8.05	146	212632	40.07	ng		99
15) Benzyl Alcohol	7.94	79	195008	42.25	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	251362	39.51	ng		99
17) 2-Methylphenol	8.15	107	214201	45.09	ng		97
18) Hexachloroethane	8.77	117	79326	37.38	ng		96
19) n-Nitroso-di-n-propylamine	8.50	70	176405	37.19	ng		97
20) 3+4-Methylphenols	8.47	107	292445	44.45	ng		97
22) Acetophenone	8.52	105	322233	42.47	ng	#	99
24) Nitrobenzene	8.90	77	248130	41.08	ng		96
25) Isophorone	9.41	82	486395	38.78	ng		100
26) 2-Nitrophenol	9.60	139	134062	47.60	ng		98
27) 2,4-Dimethylphenol	9.67	122	246927	47.07	ng		100
28) bis(2-Chloroethoxy)methane	9.90	93	296322	41.39	ng		99
29) 2,4-Dichlorophenol	10.14	162	208266	50.17	ng		97
30) 1,2,4-Trichlorobenzene	10.35	180	186664	43.07	ng		97
31) Naphthalene	10.54	128	713319	41.84	ng		100
32) Benzoic acid	9.74	122	9891	11.10	ng		83
33) 4-Chloroaniline	10.65	127	209352	26.17	ng		99
34) Hexachlorobutadiene	10.82	225	80260	42.16	ng		98
35) Caprolactam	11.41	113	117134m	44.82	ng		
36) 4-Chloro-3-methylphenol	11.78	107	254748	46.45	ng		95
37) 2-Methylnaphthalene	12.15	142	524006	42.73	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	177535	40.85	ng		98
40) Hexachlorocyclopentadiene	12.50	237	180289	90.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	148597	46.01	ng	99
43) 2,4,5-Trichlorophenol	12.84	196	164324	47.62	ng	97
45) 1,1'-Biphenyl	13.17	154	634823	41.92	ng	99
46) 2-Chloronaphthalene	13.21	162	477384	41.39	ng	99
47) 2-Nitroaniline	13.42	65	162358	43.67	ng	95
48) Acenaphthylene	14.06	152	831088	40.52	ng	99
49) Dimethylphthalate	13.80	163	728111	50.33	ng	100
50) 2,6-Dinitrotoluene	13.92	165	151442	43.28	ng	98
51) Acenaphthene	14.40	154	507741	41.42	ng	98
52) 3-Nitroaniline	14.25	138	153047	34.25	ng	90
53) 2,4-Dinitrophenol	14.46	184	73824	40.95	ng	93
54) Dibenzofuran	14.74	168	726864	42.73	ng	99
55) 4-Nitrophenol	14.57	139	340403	92.18	ng	99
56) 2,4-Dinitrotoluene	14.71	165	213155	44.72	ng	96
57) Fluorene	15.38	166	634205	42.26	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	128629	48.30	ng	94
59) Diethylphthalate	15.17	149	637970	41.43	ng	100
60) 4-Chlorophenyl-phenylether	15.38	204	259848	42.33	ng	99
61) 4-Nitroaniline	15.41	138	216249	42.64	ng	99
62) Azobenzene	15.67	77	707487	43.16	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	110602	38.62	ng	95
65) n-Nitrosodiphenylamine	15.60	169	574314	40.86	ng	99
66) 4-Bromophenyl-phenylether	16.28	248	140413	42.30	ng	96
67) Hexachlorobenzene	16.39	284	144067	41.76	ng	99
68) Atrazine	16.55	200	180068	45.97	ng	98
69) Pentachlorophenol	16.74	266	185658	88.13	ng	97
70) Phenanthrene	17.12	178	962849	41.18	ng	99
71) Anthracene	17.21	178	977865	42.20	ng	99
72) Carbazole	17.49	167	1022518	43.97	ng	99
73) Di-n-butylphthalate	18.05	149	1191849	41.88	ng	99
74) Fluoranthene	19.14	202	1021094	42.37	ng	98
76) Benzidine	19.33	184	709865	45.39	ng	99
77) Pyrene	19.50	202	1065044	41.47	ng	99
79) Butylbenzylphthalate	20.40	149	571270	45.28	ng	98
80) Benzo(a)anthracene	21.24	228	902867	41.42	ng	100
81) 3,3'-Dichlorobenzidine	21.18	252	195444	27.27	ng	97
82) Chrysene	21.29	228	855831	40.67	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	756887	44.32	ng	98
84) Di-n-octyl phthalate	22.05	149	1245298	44.75	ng	99
85) Indeno(1,2,3-cd)pyrene	25.80	276	925874	42.36	ng	99
87) Benzo(b)fluoranthene	22.82	252	838243	41.09	ng	99
88) Benzo(k)fluoranthene	22.87	252	840751	42.11	ng	99
89) Benzo(a)pyrene	23.40	252	823781	43.08	ng	99
90) Dibenzo(a,h)anthracene	25.81	278	771777	41.48	ng	97
91) Benzo(g,h,i)perylene	26.50	276	785712	42.28	ng	99

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

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