Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016451.D
Acq On : 16 Apr 2015 9:29
Operator : TP/IZ
Sample : G1829-08MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-43MS

Quant Time: Apr 16 13:52:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	79796	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	383989	20.00	ng		-0.01
38) Acenaphthene-d10	14.31	164	237208	20.00	ng		0.00
63) Phenanthrene-d10	17.05	188	482771	20.00	ng		0.00
75) Chrysene-d12	21.23	240	381738	20.00	ng		0.00
86) Perylene-d12	23.46	264	360328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	344616	68.16	ng		0.00
7) Phenol-d6	6.85	99	340124	44.81	ng		0.00
23) Nitrobenzene-d5	8.82	82	550181	83.00	ng		-0.01
41) 2,4,6-Tribromophenol	15.80	330	252843	157.61	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	1266083	90.87	ng		0.00
78) Terphenyl-d14	19.68	244	1298531	79.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	27070	11.78	ng		99
3) Pyridine	3.53	79	61378	8.93	ng		97
4) n-Nitrosodimethylamine	3.45	42	28355	13.89	ng	#	87
6) Aniline	7.00	93	190336	17.56	ng		96
8) 2-Chlorophenol	7.24	128	228812	37.68	ng		94
9) Benzaldehyde	6.81	77	68623	15.44	ng		95
10) Phenol	6.88	94	123671	15.23	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	240967	37.21	ng		100
12) 1,3-Dichlorobenzene	7.55	146	232170	37.86	ng		96
13) 1,4-Dichlorobenzene	7.70	146	237947	37.41	ng		97
14) 1,2-Dichlorobenzene	8.02	146	238247	39.17	ng		96
15) Benzyl Alcohol	7.91	79	134939	25.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	259055	35.52	ng		98
17) 2-Methylphenol	8.12	107	172933	31.76	ng		94
18) Hexachloroethane	8.73	117	86252	35.45	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	193816	35.64	ng		97
20) 3+4-Methylphenols	8.45	107	218547	28.97	ng		97
22) Acetophenone	8.49	105	363106	40.78	ng		98
24) Nitrobenzene	8.86	77	269285	37.99	ng		94
25) Isophorone	9.39	82	552449	37.53	ng		96
26) 2-Nitrophenol	9.57	139	156934	47.48	ng		96
27) 2,4-Dimethylphenol	9.64	122	254716	41.37	ng		100
28) bis(2-Chloroethoxy)methane	9.87	93	337149	40.13	ng		98
29) 2,4-Dichlorophenol	10.11	162	249724	51.26	ng		95
30) 1,2,4-Trichlorobenzene	10.31	180	221657	43.58	ng		98
31) Naphthalene	10.50	128	838772	41.92	ng		100
32) Benzoic acid	9.76	122	67282	22.44	ng		96
33) 4-Chloroaniline	10.62	127	244510	26.04	ng		97
34) Hexachlorobutadiene	10.78	225	93372	41.79	ng		99
35) Caprolactam	11.40	113	21889	7.14	ng	#	84
36) 4-Chloro-3-methylphenol	11.76	107	297896	46.29	ng		97
37) 2-Methylnaphthalene	12.12	142	647855	45.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	229213	43.89	ng		99
40) Hexachlorocyclopentadiene	12.47	237	172708	72.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	199720	51.46	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	219518	52.94	ng	97
45) 1,1'-Biphenyl	13.14	154	814017	44.73	ng	99
46) 2-Chloronaphthalene	13.18	162	624412	45.05	ng	99
47) 2-Nitroaniline	13.39	65	202073	45.23	ng	92
48) Acenaphthylene	14.03	152	1075847	43.65	ng	98
49) Dimethylphthalate	13.78	163	782208	44.99	ng	100
50) 2,6-Dinitrotoluene	13.89	165	201679	47.96	ng	96
51) Acenaphthene	14.37	154	672753	45.68	ng	98
52) 3-Nitroaniline	14.23	138	172126	32.06	ng	89
53) 2,4-Dinitrophenol	14.43	184	216160	87.92	ng	96
54) Dibenzofuran	14.71	168	969539	47.43	ng	99
55) 4-Nitrophenol	14.56	139	158960	35.82	ng	93
56) 2,4-Dinitrotoluene	14.69	165	284159	49.62	ng	89
57) Fluorene	15.36	166	848060	47.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	167990	52.50	ng	95
59) Diethylphthalate	15.14	149	828909	44.79	ng	98
60) 4-Chlorophenyl-phenylether	15.36	204	350244	47.48	ng	97
61) 4-Nitroaniline	15.39	138	242705	39.82	ng	98
62) Azobenzene	15.64	77	870059	44.17	ng	99
64) 4,6-Dinitro-2-methylphenol	15.45	198	150168	44.50	ng	91
65) n-Nitrosodiphenylamine	15.57	169	743382	45.55	ng	98
66) 4-Bromophenyl-phenylether	16.24	248	189134	49.07	ng	97
67) Hexachlorobenzene	16.36	284	190671	47.59	ng	100
68) Atrazine	16.53	200	230186	50.61	ng	99
69) Pentachlorophenol	16.71	266	225227	92.07	ng	98
70) Phenanthrene	17.09	178	1216589	44.80	ng	97
71) Anthracene	17.18	178	1232841	45.81	ng	98
72) Carbazole	17.46	167	1213659	44.94	ng	98
73) Di-n-butylphthalate	18.02	149	1444952	43.72	ng	98
74) Fluoranthene	19.11	202	1191487	42.57	ng	98
76) Benzidine	19.30	184	320952	19.83	ng	98
77) Pyrene	19.47	202	1232405	46.36	ng	97
79) Butylbenzylphthalate	20.37	149	661763	50.67	ng	97
80) Benzo(a)anthracene	21.22	228	1041964	46.18	ng	100
81) 3,3'-Dichlorobenzidine	21.15	252	236616	31.89	ng	98
82) Chrysene	21.27	228	980545	45.02	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	901010	50.96	ng	96
84) Di-n-octyl phthalate	22.02	149	1475961	51.24	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	1111903	49.14	ng	98
87) Benzo(b)fluoranthene	22.79	252	998288	47.30	ng	99
88) Benzo(k)fluoranthene	22.84	252	988338	47.86	ng	98
89) Benzo(a)pyrene	23.37	252	969877	49.04	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	933087	48.48	ng	98
91) Benzo(g,h,i)perylene	26.44	276	950531	49.44	ng	97

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

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