Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017028.D
Acq On : 10 May 2015 16:03
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 11 01:33:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	72788	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	358254	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	234649	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	509847	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	492735	20.00	ng		-0.02
86) Perylene-d12	23.65	264	479119	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	319399	76.41	ng		0.00
7) Phenol-d6	6.98	99	487252	81.59	ng		0.00
23) Nitrobenzene-d5	8.95	82	573760	78.24	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	199401	84.65	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	1148551	73.86	ng		-0.02
78) Terphenyl-d14	19.80	244	1638855	77.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	57374	32.75	ng	#	1
3) Pyridine	3.67	79	187489	34.62	ng		98
4) n-Nitrosodimethylamine	3.60	42	135538	41.92	ng		91
6) Aniline	7.12	93	325706	38.84	ng		97
8) 2-Chlorophenol	7.36	128	196087	40.49	ng		100
9) Benzaldehyde	6.94	77	156686	36.87	ng		99
10) Phenol	7.00	94	259996	40.60	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	187448	37.85	ng		96
12) 1,3-Dichlorobenzene	7.68	146	204866	38.36	ng		97
13) 1,4-Dichlorobenzene	7.82	146	212885	39.36	ng		95
14) 1,2-Dichlorobenzene	8.14	146	197940	38.13	ng	#	91
15) Benzyl Alcohol	8.03	79	217417	39.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	316400	34.52	ng		97
17) 2-Methylphenol	8.25	107	179138	39.72	ng		96
18) Hexachloroethane	8.86	117	86190	38.76	ng		97
19) n-Nitroso-di-n-propylamine	8.60	70	201996	38.57	ng		94
20) 3+4-Methylphenols	8.57	107	260652	41.94	ng		95
22) Acetophenone	8.61	105	317945	37.26	ng		98
24) Nitrobenzene	8.99	77	280843	37.92	ng		98
25) Isophorone	9.52	82	534239	36.08	ng		98
26) 2-Nitrophenol	9.70	139	129734	43.03	ng		94
27) 2,4-Dimethylphenol	9.77	122	208878	38.28	ng		95
28) bis(2-Chloroethoxy)methane	10.00	93	265721	35.55	ng		96
29) 2,4-Dichlorophenol	10.24	162	204888	39.74	ng		97
30) 1,2,4-Trichlorobenzene	10.44	180	206117	37.70	ng		99
31) Naphthalene	10.63	128	653179	36.66	ng		99
32) Benzoic acid	9.93	122	167221	50.02	ng		95
33) 4-Chloroaniline	10.74	127	315009	38.28	ng		98
34) Hexachlorobutadiene	10.91	225	125536	36.69	ng		97
35) Caprolactam	11.53	113	100738	37.61	ng		97
36) 4-Chloro-3-methylphenol	11.89	107	262824	39.81	ng		98
37) 2-Methylnaphthalene	12.25	142	503058	37.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	241206	38.03	ng	#	100
40) Hexachlorocyclopentadiene	12.59	237	126036	30.77	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	176549	39.28	ng		90
43) 2,4,5-Trichlorophenol	12.95	196	183942	38.55	ng		98
45) 1,1'-Biphenyl	13.26	154	623729	37.13	ng		98
46) 2-Chloronaphthalene	13.30	162	504301	37.90	ng		97
47) 2-Nitroaniline	13.51	65	207238	44.74	ng		99
48) Acenaphthylene	14.15	152	854593	36.88	ng		100
49) Dimethylphthalate	13.89	163	652066	37.22	ng		99
50) 2,6-Dinitrotoluene	14.01	165	155466	42.74	ng		95
51) Acenaphthene	14.49	154	504616	36.59	ng		99
52) 3-Nitroaniline	14.34	138	172394	41.65	ng		92
53) 2,4-Dinitrophenol	14.54	184	65814	39.55	ng	#	87
54) Dibenzofuran	14.83	168	740765	37.83	ng		94
55) 4-Nitrophenol	14.68	139	134270	38.26	ng		93
56) 2,4-Dinitrotoluene	14.80	165	212691	45.70	ng		99
57) Fluorene	15.48	166	647531	37.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	159551	38.75	ng	#	77
59) Diethylphthalate	15.26	149	681394	36.84	ng		98
60) 4-Chlorophenyl-phenylether	15.47	204	328820	37.75	ng		96
61) 4-Nitroaniline	15.51	138	190336	39.67	ng		92
62) Azobenzene	15.77	77	713651	37.25	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	120080	47.50	ng		94
65) n-Nitrosodiphenylamine	15.69	169	585830	37.64	ng		98
66) 4-Bromophenyl-phenylether	16.37	248	195186	38.14	ng		98
67) Hexachlorobenzene	16.48	284	213445	39.55	ng		97
68) Atrazine	16.64	200	202586	36.17	ng		95
69) Pentachlorophenol	16.82	266	130455	37.23	ng		96
70) Phenanthrene	17.22	178	959576	36.57	ng		99
71) Anthracene	17.31	178	956105	36.12	ng		99
72) Carbazole	17.58	167	888387	35.30	ng		99
73) Di-n-butylphthalate	18.14	149	1183129	36.27	ng		98
74) Fluoranthene	19.23	202	1081712	35.53	ng		99
76) Benzidine	19.42	184	560162	33.46	ng		98
77) Pyrene	19.59	202	1087483	37.39	ng		99
79) Butylbenzylphthalate	20.49	149	528174	38.21	ng		98
80) Benzo(a)anthracene	21.33	228	1004185	37.99	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	395695	38.34	ng		96
82) Chrysene	21.38	228	951617	38.44	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	712728	37.70	ng		99
84) Di-n-octyl phthalate	22.15	149	1185130	37.31	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1158198	39.26	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	996123	37.32	ng		98
88) Benzo(k)fluoranthene	23.00	252	1010041	39.34	ng		98
89) Benzo(a)pyrene	23.55	252	945018	37.97	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	975517	38.37	ng		97
91) Benzo(g,h,i)perylene	26.72	276	901137	37.22	ng		98

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

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