Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016913.D
Acq On : 7 May 2015 8:59
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 07 16:03:09 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	68486	20.00	ng		-0.01
21) Naphthalene-d8	10.59	136	314738	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	198617	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	421809	20.00	ng		0.00
75) Chrysene-d12	21.36	240	425872	20.00	ng		0.00
86) Perylene-d12	23.66	264	405874	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	305458	77.66	ng		-0.01
7) Phenol-d6	6.96	99	428764	76.30	ng		0.00
23) Nitrobenzene-d5	8.96	82	498043	77.30	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	154249	77.36	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	946578	71.92	ng		-0.01
78) Terphenyl-d14	19.81	244	1415758	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	65546	39.76	ng	#	1
3) Pyridine	3.68	79	200479	39.34	ng		97
4) n-Nitrosodimethylamine	3.60	42	124790	41.02	ng		94
6) Aniline	7.12	93	295839	37.49	ng		99
8) 2-Chlorophenol	7.36	128	176038	38.63	ng		97
9) Benzaldehyde	6.94	77	155442	39.52	ng		95
10) Phenol	6.98	94	229922	38.16	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	180985	38.84	ng		94
12) 1,3-Dichlorobenzene	7.69	146	183768	36.57	ng		95
13) 1,4-Dichlorobenzene	7.83	146	188421	37.02	ng		97
14) 1,2-Dichlorobenzene	8.15	146	177256	36.29	ng	#	92
15) Benzyl Alcohol	8.03	79	190304	37.08	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	317196	36.78	ng		98
17) 2-Methylphenol	8.23	107	155334	36.61	ng		94
18) Hexachloroethane	8.87	117	78566	37.55	ng		94
19) n-Nitroso-di-n-propylamine	8.60	70	184781	37.50	ng		94
20) 3+4-Methylphenols	8.56	107	217686	37.23	ng		96
22) Acetophenone	8.62	105	277658	37.04	ng	#	95
24) Nitrobenzene	9.00	77	252021	38.74	ng		97
25) Isophorone	9.52	82	468950	36.05	ng	#	98
26) 2-Nitrophenol	9.70	139	99327	37.50	ng		94
27) 2,4-Dimethylphenol	9.76	122	175191	36.54	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	235217	35.82	ng		96
29) 2,4-Dichlorophenol	10.23	162	163671	36.14	ng		98
30) 1,2,4-Trichlorobenzene	10.46	180	173267	36.08	ng		98
31) Naphthalene	10.64	128	569635	36.39	ng		98
32) Benzoic acid	9.89	122	113209	41.14	ng		94
33) 4-Chloroaniline	10.75	127	268227	37.10	ng		96
34) Hexachlorobutadiene	10.93	225	103635	34.48	ng		95
35) Caprolactam	11.52	113	83378	35.44	ng		96
36) 4-Chloro-3-methylphenol	11.87	107	215864	37.22	ng		98
37) 2-Methylnaphthalene	12.25	142	424113	35.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	193977	36.13	ng	#	100
40) Hexachlorocyclopentadiene	12.61	237	114708	33.08	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	139104	36.56	ng		91
43) 2,4,5-Trichlorophenol	12.93	196	150777	37.33	ng		97
45) 1,1'-Biphenyl	13.27	154	511322	35.96	ng		98
46) 2-Chloronaphthalene	13.31	162	407138	36.15	ng		97
47) 2-Nitroaniline	13.52	65	170551	43.50	ng		94
48) Acenaphthylene	14.16	152	717831	36.60	ng		99
49) Dimethylphthalate	13.90	163	547367	36.91	ng		99
50) 2,6-Dinitrotoluene	14.02	165	123705	40.17	ng		93
51) Acenaphthene	14.50	154	421041	36.07	ng		97
52) 3-Nitroaniline	14.34	138	145789	41.62	ng		92
53) 2,4-Dinitrophenol	14.54	184	50256	35.68	ng		85
54) Dibenzofuran	14.84	168	611063	36.86	ng		95
55) 4-Nitrophenol	14.64	139	113660	38.26	ng		91
56) 2,4-Dinitrotoluene	14.80	165	170037	43.16	ng		96
57) Fluorene	15.48	166	538555	36.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.06	232	130350	37.40	ng	#	76
59) Diethylphthalate	15.27	149	574418	36.69	ng		99
60) 4-Chlorophenyl-phenylether	15.48	204	264892	35.93	ng		98
61) 4-Nitroaniline	15.51	138	159473	39.26	ng		92
62) Azobenzene	15.77	77	616815	38.04	ng		95
64) 4,6-Dinitro-2-methylphenol	15.56	198	84952	40.62	ng		87
65) n-Nitrosodiphenylamine	15.70	169	488142	37.91	ng		97
66) 4-Bromophenyl-phenylether	16.38	248	158632	37.47	ng		95
67) Hexachlorobenzene	16.49	284	172463	38.63	ng		97
68) Atrazine	16.65	200	170114	36.71	ng		97
69) Pentachlorophenol	16.83	266	107523	37.09	ng		92
70) Phenanthrene	17.22	178	812333	37.42	ng		100
71) Anthracene	17.32	178	832234	38.00	ng		97
72) Carbazole	17.59	167	779676	37.45	ng		98
73) Di-n-butylphthalate	18.15	149	1035085	38.35	ng		98
74) Fluoranthene	19.24	202	938264	37.26	ng		97
76) Benzidine	19.43	184	505790	34.95	ng		99
77) Pyrene	19.60	202	948905	37.75	ng		100
79) Butylbenzylphthalate	20.51	149	462553	38.72	ng		99
80) Benzo(a)anthracene	21.35	228	876090	38.35	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	338618	37.96	ng		99
82) Chrysene	21.40	228	832007	38.88	ng		99
83) Bis(2-ethylhexyl)phthalate	21.28	149	630824	38.60	ng		99
84) Di-n-octyl phthalate	22.18	149	1066105	38.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	1011193	39.65	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	899109	39.77	ng		98
88) Benzo(k)fluoranthene	23.02	252	828061	38.07	ng		100
89) Benzo(a)pyrene	23.56	252	814791	38.64	ng		99
90) Dibenzo(a,h)anthracene	26.05	278	838630	38.94	ng		98
91) Benzo(g,h,i)perylene	26.76	276	795954	38.81	ng		98

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

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