Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
Data File : BG017187.D
Acq On : 15 May 2015 21:51
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: May 16 00:22:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 00:01:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	38360	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	181588	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	122177	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	289549	20.00	ng		0.00
75) Chrysene-d12	21.30	240	296864	20.00	ng		0.00
86) Perylene-d12	23.56	264	293654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	186787	86.39	ng		0.00
7) Phenol-d6	6.91	99	265982	87.66	ng		0.00
23) Nitrobenzene-d5	8.87	82	325358	83.65	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	121905	82.54	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	659582	79.22	ng		0.00
78) Terphenyl-d14	19.74	244	1161662	81.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	37277	43.70	ng		93
3) Pyridine	3.57	79	113588	44.01	ng		93
4) n-Nitrosodimethylamine	3.49	42	79965	40.82	ng		98
6) Aniline	7.04	93	181040	43.13	ng		95
8) 2-Chlorophenol	7.28	128	109822	42.46	ng		96
9) Benzaldehyde	6.85	77	81392	42.30	ng		97
10) Phenol	6.93	94	142770	44.37	ng		97
11) bis(2-Chloroethyl)ether	7.14	93	107560	44.58	ng		96
12) 1,3-Dichlorobenzene	7.59	146	116984	40.50	ng		97
13) 1,4-Dichlorobenzene	7.74	146	120760	41.41	ng		94
14) 1,2-Dichlorobenzene	8.06	146	115147	41.34	ng		95
15) Benzyl Alcohol	7.95	79	122702	41.62	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	175302	44.81	ng		98
17) 2-Methylphenol	8.17	107	101721	43.60	ng		90
18) Hexachloroethane	8.78	117	50753	41.67	ng		92
19) n-Nitroso-di-n-propylamine	8.52	70	110790	41.91	ng		99
20) 3+4-Methylphenols	8.50	107	139794	43.11	ng		92
22) Acetophenone	8.53	105	177243	40.22	ng		97
24) Nitrobenzene	8.91	77	157813	41.47	ng		98
25) Isophorone	9.43	82	292912	40.86	ng		98
26) 2-Nitrophenol	9.61	139	69222	40.69	ng	#	90
27) 2,4-Dimethylphenol	9.70	122	117174	41.85	ng		99
28) bis(2-Chloroethoxy)methane	9.92	93	144973	41.53	ng		93
29) 2,4-Dichlorophenol	10.17	162	109874	41.60	ng		94
30) 1,2,4-Trichlorobenzene	10.36	180	113542	37.89	ng		99
31) Naphthalene	10.55	128	367347	41.34	ng		98
32) Benzoic acid	9.84	122	77286	40.73	ng		99
33) 4-Chloroaniline	10.67	127	179019	42.60	ng		94
34) Hexachlorobutadiene	10.84	225	71235	37.54	ng		95
35) Caprolactam	11.44	113	59194	44.57	ng		96
36) 4-Chloro-3-methylphenol	11.82	107	145760	43.67	ng		97
37) 2-Methylnaphthalene	12.17	142	280568	39.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	134693	38.97	ng		99
40) Hexachlorocyclopentadiene	12.52	237	73282	34.75	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	102477	41.79	ng		93
43) 2,4,5-Trichlorophenol	12.88	196	104115	41.21	ng		93
45) 1,1'-Biphenyl	13.19	154	347840	39.53	ng		100
46) 2-Chloronaphthalene	13.23	162	278647	39.99	ng		98
47) 2-Nitroaniline	13.45	65	122764	45.29	ng		97
48) Acenaphthylene	14.08	152	495504	41.52	ng		98
49) Dimethylphthalate	13.82	163	391716	41.00	ng		98
50) 2,6-Dinitrotoluene	13.94	165	89938	42.48	ng		100
51) Acenaphthene	14.43	154	290987	41.28	ng		100
52) 3-Nitroaniline	14.28	138	106222	45.23	ng		98
53) 2,4-Dinitrophenol	14.48	184	49061	39.92	ng		92
54) Dibenzofuran	14.76	168	434559	41.47	ng		99
55) 4-Nitrophenol	14.63	139	83323	44.06	ng		95
56) 2,4-Dinitrotoluene	14.73	165	128875	43.65	ng		93
57) Fluorene	15.41	166	391820	42.24	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.00	232	96191	41.49	ng		99
59) Diethylphthalate	15.19	149	420230	40.95	ng		97
60) 4-Chlorophenyl-phenylether	15.41	204	189410	39.76	ng		98
61) 4-Nitroaniline	15.44	138	123960	47.30	ng		91
62) Azobenzene	15.70	77	432337	44.10	ng		95
64) 4,6-Dinitro-2-methylphenol	15.50	198	77679	39.14	ng		97
65) n-Nitrosodiphenylamine	15.63	169	353823	39.80	ng		96
66) 4-Bromophenyl-phenylether	16.30	248	119934	37.98	ng		98
67) Hexachlorobenzene	16.41	284	127237	38.18	ng		98
68) Atrazine	16.58	200	127077	39.08	ng		98
69) Pentachlorophenol	16.77	266	78994	37.97	ng		93
70) Phenanthrene	17.15	178	615361	41.21	ng		98
71) Anthracene	17.24	178	624817	41.29	ng		99
72) Carbazole	17.52	167	589351	42.38	ng		98
73) Di-n-butylphthalate	18.08	149	781982	42.03	ng		98
74) Fluoranthene	19.17	202	734369	40.96	ng		96
76) Benzidine	19.36	184	320805	33.10	ng		98
77) Pyrene	19.53	202	742635	40.77	ng		99
79) Butylbenzylphthalate	20.44	149	347934	42.02	ng		97
80) Benzo(a)anthracene	21.28	228	684516	40.24	ng		98
81) 3,3'-Dichlorobenzidine	21.22	252	258346	39.24	ng		99
82) Chrysene	21.33	228	642958	40.58	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	486694	41.35	ng		99
84) Di-n-octyl phthalate	22.09	149	820932	41.89	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	789187	41.62	ng		97
87) Benzo(b)fluoranthene	22.88	252	701865	41.00	ng		99
88) Benzo(k)fluoranthene	22.92	252	653449	40.21	ng		99
89) Benzo(a)pyrene	23.46	252	633033	40.27	ng		100
90) Dibenzo(a,h)anthracene	25.89	278	659956	40.89	ng	#	97
91) Benzo(g,h,i)perylene	26.59	276	623434	41.04	ng	#	95

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

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