Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022206.D
Acq On : 7 Jun 2016 16:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 07 18:26:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29219	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	149056	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	92563	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	214266	20.00	ng		0.00
75) Chrysene-d12	21.77	240	208814	20.00	ng		0.00
86) Perylene-d12	25.07	264	198943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	126985	84.03	ng		0.00
7) Phenol-d6	7.28	99	197243	83.01	ng		0.00
23) Nitrobenzene-d5	9.29	82	181400	84.85	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	81587	78.01	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	489367	80.57	ng		0.00
78) Terphenyl-d14	20.08	244	701955	79.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	29117	40.18	ng	#	86
3) Pyridine	3.93	79	80719	41.22	ng		99
4) n-Nitrosodimethylamine	3.85	42	19006	43.41	ng		99
6) Aniline	7.44	93	124097	41.11	ng	#	81
8) 2-Chlorophenol	7.68	128	86503	41.41	ng	#	79
9) Benzaldehyde	7.26	77	53675	41.04	ng	#	71
10) Phenol	7.30	94	101507	41.44	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	78610	40.25	ng	#	71
12) 1,3-Dichlorobenzene	8.01	146	88673	39.60	ng	#	92
13) 1,4-Dichlorobenzene	8.16	146	91092	40.83	ng		96
14) 1,2-Dichlorobenzene	8.47	146	89608	39.85	ng		96
15) Benzyl Alcohol	8.36	79	61290	39.92	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	80798	39.87	ng		80
17) 2-Methylphenol	8.56	107	74331	40.66	ng	#	87
18) Hexachloroethane	9.20	117	32234	39.57	ng	#	80
19) n-Nitroso-di-n-propylamine	8.92	70	62798	39.04	ng	#	68
20) 3+4-Methylphenols	8.90	107	103000	39.28	ng		97
22) Acetophenone	8.94	105	132115	41.13	ng	#	83
24) Nitrobenzene	9.33	77	91979	42.78	ng	#	81
25) Isophorone	9.85	82	191454	38.28	ng	#	93
26) 2-Nitrophenol	10.05	139	47863	41.05	ng	#	73
27) 2,4-Dimethylphenol	10.10	122	87220	41.33	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	113680	39.67	ng		93
29) 2,4-Dichlorophenol	10.59	162	81695	41.79	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	87521	40.07	ng		96
31) Naphthalene	10.99	128	292220	39.28	ng	#	95
32) Benzoic acid	10.24	122	31109	44.55	ng	#	80
33) 4-Chloroaniline	11.10	127	125264	40.49	ng	#	91
34) Hexachlorobutadiene	11.26	225	47099	40.16	ng		93
35) Caprolactam	11.87	113	38052	35.48	ng	#	45
36) 4-Chloro-3-methylphenol	12.22	107	95574	41.25	ng	#	81
37) 2-Methylnaphthalene	12.59	142	216088	39.34	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	95837	40.22	ng		98
40) Hexachlorocyclopentadiene	12.92	237	40731	36.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	65477	40.96	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	70752	40.06	ng		94
45) 1,1'-Biphenyl	13.58	154	282550	40.56	ng		99
46) 2-Chloronaphthalene	13.63	162	218116	40.85	ng		95
47) 2-Nitroaniline	13.84	65	52422	41.17	ng	#	58
48) Acenaphthylene	14.47	152	372737	39.78	ng		99
49) Dimethylphthalate	14.20	163	292404	38.10	ng		99
50) 2,6-Dinitrotoluene	14.32	165	66412	39.81	ng	#	74
51) Acenaphthene	14.81	154	223095	39.74	ng		98
52) 3-Nitroaniline	14.66	138	68895	37.23	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	21883	38.66	ng	#	75
54) Dibenzofuran	15.15	168	349321	39.88	ng		97
55) 4-Nitrophenol	14.98	139	49745	38.95	ng	#	71
56) 2,4-Dinitrotoluene	15.11	165	91152	40.73	ng	#	83
57) Fluorene	15.79	166	295725	39.19	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	62058	39.18	ng		96
59) Diethylphthalate	15.55	149	313221	38.21	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	133168	38.97	ng		97
61) 4-Nitroaniline	15.82	138	76287	38.87	ng	#	76
62) Azobenzene	16.07	77	252459	40.66	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	39841	37.96	ng		84
65) n-Nitrosodiphenylamine	15.99	169	252340	40.88	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	80978	40.33	ng		95
67) Hexachlorobenzene	16.79	284	90912	38.85	ng		98
68) Atrazine	16.93	200	87902	38.47	ng		100
69) Pentachlorophenol	17.15	266	35944	37.79	ng		96
70) Phenanthrene	17.53	178	460419	39.56	ng		99
71) Anthracene	17.63	178	462925	40.11	ng		99
72) Carbazole	17.90	167	430193	39.36	ng		100
73) Di-n-butylphthalate	18.43	149	561156	39.27	ng		98
74) Fluoranthene	19.54	202	522810	39.08	ng		97
76) Benzidine	19.72	184	217754	39.88	ng		96
77) Pyrene	19.90	202	521036	40.14	ng		100
79) Butylbenzylphthalate	20.76	149	240599	39.96	ng		93
80) Benzo(a)anthracene	21.75	228	465774	39.78	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	130964	39.84	ng		96
82) Chrysene	21.82	228	454033	39.85	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	360035	40.67	ng		97
84) Di-n-octyl phthalate	22.86	149	611638	41.61	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.85	276	531802	41.60	ng	#	87
87) Benzo(b)fluoranthene	24.01	252	478668	41.25	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	462210	40.47	ng	#	96
89) Benzo(a)pyrene	24.91	252	463230	41.75	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	436966	41.82	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	443480	40.80	ng	#	93

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

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