Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022951.D
Acq On : 9 Jul 2016 4:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 11 04:06:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	134900	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	634546	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	441261	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1053616	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1170287	20.00	ng		0.00
86) Perylene-d12	25.21	264	1185972	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	651441	78.98	ng		0.00
7) Phenol-d6	7.31	99	1037790	80.33	ng		0.00
23) Nitrobenzene-d5	9.33	82	1167207	78.76	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	580405	73.19	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2285651	81.59	ng		0.00
78) Terphenyl-d14	20.15	244	2994996	79.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	129401	40.36	ng		93
3) Pyridine	3.98	79	417279	38.03	ng		92
4) n-Nitrosodimethylamine	3.89	42	194950	41.42	ng		89
6) Aniline	7.47	93	715441	39.96	ng		97
8) 2-Chlorophenol	7.72	128	357259	40.70	ng		97
9) Benzaldehyde	7.29	77	344071	39.86	ng		96
10) Phenol	7.34	94	536575	40.37	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	419904	39.86	ng		94
12) 1,3-Dichlorobenzene	8.04	146	418504	38.95	ng		98
13) 1,4-Dichlorobenzene	8.19	146	439893	40.90	ng		99
14) 1,2-Dichlorobenzene	8.51	146	425742	39.81	ng		94
15) Benzyl Alcohol	8.39	79	474641	40.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	523468	40.68	ng		93
17) 2-Methylphenol	8.60	107	344444	39.81	ng		97
18) Hexachloroethane	9.24	117	176719	38.92	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	455771	39.14	ng		94
20) 3+4-Methylphenols	8.92	107	491105	40.70	ng		95
22) Acetophenone	8.98	105	729728	38.32	ng	#	96
24) Nitrobenzene	9.37	77	616008	39.12	ng	#	91
25) Isophorone	9.89	82	1082283	36.31	ng	#	95
26) 2-Nitrophenol	10.09	139	246607	39.91	ng		90
27) 2,4-Dimethylphenol	10.14	122	406740	38.08	ng		87
28) bis(2-Chloroethoxy)methane	10.38	93	628176	37.79	ng		98
29) 2,4-Dichlorophenol	10.62	162	452991	39.77	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	506885	38.83	ng		98
31) Naphthalene	11.03	128	1258680	38.97	ng		100
32) Benzoic acid	10.29	122	362397	37.30	ng		89
33) 4-Chloroaniline	11.14	127	611192	38.69	ng		95
34) Hexachlorobutadiene	11.31	225	418077	39.51	ng		96
35) Caprolactam	11.93	113	153179	32.68	ng		95
36) 4-Chloro-3-methylphenol	12.26	107	574673	36.88	ng		99
37) 2-Methylnaphthalene	12.63	142	973733	38.14	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	810421	42.62	ng		98
40) Hexachlorocyclopentadiene	12.97	237	425159	38.84	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	448036	40.99	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	458010	40.81	ng		95
45) 1,1'-Biphenyl	13.63	154	1384597	41.82	ng		98
46) 2-Chloronaphthalene	13.68	162	1118548	41.65	ng		97
47) 2-Nitroaniline	13.88	65	462998	40.40	ng		93
48) Acenaphthylene	14.52	152	1624257	40.32	ng		98
49) Dimethylphthalate	14.25	163	1363757	37.83	ng		97
50) 2,6-Dinitrotoluene	14.37	165	316132	39.03	ng		89
51) Acenaphthene	14.86	154	1058671	40.21	ng		99
52) 3-Nitroaniline	14.71	138	326690	40.44	ng		93
53) 2,4-Dinitrophenol	14.91	184	166433	29.94	ng		98
54) Dibenzofuran	15.20	168	1536727	39.00	ng		98
55) 4-Nitrophenol	15.02	139	240104	35.46	ng		95
56) 2,4-Dinitrotoluene	15.16	165	457403	38.73	ng		92
57) Fluorene	15.85	166	1304147	38.45	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	421683	37.55	ng	#	99
59) Diethylphthalate	15.61	149	1358606	37.04	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	794907	38.48	ng		98
61) 4-Nitroaniline	15.88	138	328041	37.53	ng	#	85
62) Azobenzene	16.13	77	1386418	39.52	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	295886	37.79	ng		98
65) n-Nitrosodiphenylamine	16.05	169	1227841	40.45	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	536407	39.13	ng		95
67) Hexachlorobenzene	16.86	284	585403	39.28	ng		97
68) Atrazine	17.00	200	524758	38.97	ng		97
69) Pentachlorophenol	17.20	266	365199	37.84	ng		97
70) Phenanthrene	17.60	178	2022986	39.18	ng		97
71) Anthracene	17.69	178	2072652	39.64	ng		99
72) Carbazole	17.96	167	1780540	39.41	ng		98
73) Di-n-butylphthalate	18.50	149	2056563	40.93	ng		98
74) Fluoranthene	19.60	202	2403350	37.93	ng		97
76) Benzidine	19.78	184	1267974	37.79	ng		99
77) Pyrene	19.96	202	2455566	37.34	ng		96
79) Butylbenzylphthalate	20.83	149	1052070	40.39	ng		96
80) Benzo(a)anthracene	21.83	228	2569730	39.25	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	1125923	39.18	ng	#	94
82) Chrysene	21.90	228	2450187	39.89	ng		96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1413754	39.09	ng		96
84) Di-n-octyl phthalate	22.97	149	2404835	39.87	ng		99
85) Indeno(1,2,3-cd)pyrene	29.06	276	3038847	38.81	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2737387	40.01	ng		99
88) Benzo(k)fluoranthene	24.21	252	2677232	41.23	ng	#	95
89) Benzo(a)pyrene	25.05	252	2644252	40.31	ng		98
90) Dibenzo(a,h)anthracene	29.14	278	2627577	40.36	ng	#	93
91) Benzo(g,h,i)perylene	30.28	276	2636467	40.44	ng	#	95

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

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