Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023004.D
Acq On : 11 Jul 2016 17:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 03:49:31 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	86072	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	432541	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	336204	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	759558	20.00	ng		0.00
75) Chrysene-d12	21.86	240	816537	20.00	ng		0.01
86) Perylene-d12	25.24	264	829868	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	415184	78.89	ng		0.00
7) Phenol-d6	7.31	99	712639	86.46	ng		0.00
23) Nitrobenzene-d5	9.33	82	818874	81.06	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	395113	65.39	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1747838	81.89	ng		0.00
78) Terphenyl-d14	20.16	244	2315448	93.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	82205	40.19	ng		94
3) Pyridine	3.97	79	283378	40.48	ng		95
4) n-Nitrosodimethylamine	3.88	42	120927	40.27	ng	#	95
6) Aniline	7.48	93	484065	42.38	ng		94
8) 2-Chlorophenol	7.72	128	238238	42.54	ng		99
9) Benzaldehyde	7.28	77	224399	40.74	ng		94
10) Phenol	7.34	94	370149	43.65	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	271438	40.38	ng		94
12) 1,3-Dichlorobenzene	8.05	146	280095	40.86	ng		95
13) 1,4-Dichlorobenzene	8.20	146	290151	42.28	ng		98
14) 1,2-Dichlorobenzene	8.52	146	278403	40.80	ng		95
15) Benzyl Alcohol	8.40	79	323574	42.86	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	346367	42.18	ng		97
17) 2-Methylphenol	8.61	107	237656	43.05	ng		89
18) Hexachloroethane	9.25	117	116405	40.18	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	304290	40.95	ng	#	92
20) 3+4-Methylphenols	8.93	107	341490	44.35	ng		95
22) Acetophenone	8.98	105	499388	38.47	ng	#	94
24) Nitrobenzene	9.38	77	435065	40.53	ng		94
25) Isophorone	9.89	82	781849	38.48	ng	#	96
26) 2-Nitrophenol	10.09	139	165601	39.32	ng		95
27) 2,4-Dimethylphenol	10.15	122	285853	39.26	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	442043	39.01	ng		98
29) 2,4-Dichlorophenol	10.63	162	322922	41.59	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	351403	39.49	ng		98
31) Naphthalene	11.04	128	901801	40.96	ng		98
32) Benzoic acid	10.28	122	242617	36.63	ng		94
33) 4-Chloroaniline	11.15	127	424207	39.40	ng		97
34) Hexachlorobutadiene	11.32	225	274736	38.09	ng		99
35) Caprolactam	11.92	113	111375	34.86	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	427901	40.29	ng		97
37) 2-Methylnaphthalene	12.64	142	711743	40.90	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	597157	41.22	ng		98
40) Hexachlorocyclopentadiene	12.97	237	361573	43.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	328714	39.47	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	330899	38.69	ng		94
45) 1,1'-Biphenyl	13.64	154	1053428	41.76	ng		98
46) 2-Chloronaphthalene	13.68	162	852822	41.68	ng		96
47) 2-Nitroaniline	13.88	65	353165	40.45	ng		98
48) Acenaphthylene	14.52	152	1252287	40.80	ng		100
49) Dimethylphthalate	14.25	163	1029423	37.48	ng		99
50) 2,6-Dinitrotoluene	14.37	165	230149	37.29	ng		87
51) Acenaphthene	14.86	154	800581	39.91	ng		99
52) 3-Nitroaniline	14.71	138	235320	38.24	ng		95
53) 2,4-Dinitrophenol	14.91	184	178332	42.11	ng		96
54) Dibenzofuran	15.20	168	1157528	38.55	ng		98
55) 4-Nitrophenol	15.02	139	177726	34.45	ng		91
56) 2,4-Dinitrotoluene	15.16	165	331111	36.80	ng	#	99
57) Fluorene	15.85	166	982926	38.04	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	297368	34.76	ng		99
59) Diethylphthalate	15.60	149	1026651	36.74	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	589207	37.44	ng		98
61) 4-Nitroaniline	15.87	138	232251	34.88	ng		92
62) Azobenzene	16.13	77	1069867	40.03	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	186276	33.00	ng		95
65) n-Nitrosodiphenylamine	16.05	169	925445	42.29	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	390379	39.50	ng		97
67) Hexachlorobenzene	16.86	284	414301	38.56	ng		98
68) Atrazine	17.00	200	376074	38.74	ng		96
69) Pentachlorophenol	17.20	266	235761	33.88	ng		97
70) Phenanthrene	17.60	178	1497632	40.23	ng		98
71) Anthracene	17.69	178	1538458	40.82	ng		99
72) Carbazole	17.96	167	1305289	40.08	ng		96
73) Di-n-butylphthalate	18.50	149	1559027	43.04	ng		98
74) Fluoranthene	19.61	202	1797647	39.35	ng		97
76) Benzidine	19.78	184	1407444	60.12	ng		99
77) Pyrene	19.97	202	1848691	40.29	ng		98
79) Butylbenzylphthalate	20.84	149	749932	41.26	ng		97
80) Benzo(a)anthracene	21.84	228	1873137	41.00	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	798008	39.80	ng		98
82) Chrysene	21.91	228	1772259	41.36	ng		100
83) Bis(2-ethylhexyl)phthalate	21.72	149	1044110	41.37	ng		100
84) Di-n-octyl phthalate	22.98	149	1734719	41.22	ng		97
85) Indeno(1,2,3-cd)pyrene	29.11	276	2032688	37.20	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1934906	40.41	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	1898631	41.79	ng	#	97
89) Benzo(a)pyrene	25.08	252	1850615	40.32	ng		99
90) Dibenzo(a,h)anthracene	29.18	278	1778152	39.04	ng	#	96
91) Benzo(g,h,i)perylene	30.32	276	1752763	38.42	ng	#	98

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

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