Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022894.D
Acq On : 7 Jul 2016 13:52
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jul 07 14:58:53 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 14:54:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112238	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	542866	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	439024	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1083039	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1184654	20.00	ng		0.00
86) Perylene-d12	25.18	264	1229855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	537718	76.84	ng		0.00
7) Phenol-d6	7.31	99	879070	89.12	ng		0.00
23) Nitrobenzene-d5	9.33	82	1003569	78.24	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	610731	88.44	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2156052	77.88	ng		0.00
78) Terphenyl-d14	20.16	244	3047771	68.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	102590	36.17	ng	#	92
3) Pyridine	3.97	79	364075	45.89	ng		92
4) n-Nitrosodimethylamine	3.89	42	158443	34.92	ng	#	87
6) Aniline	7.47	93	602381	46.06	ng		97
8) 2-Chlorophenol	7.72	128	291659	40.24	ng		96
9) Benzaldehyde	7.28	77	281720	81.16	ng		92
10) Phenol	7.33	94	447513	42.93	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	349527	40.73	ng		96
12) 1,3-Dichlorobenzene	8.04	146	346599	39.30	ng		98
13) 1,4-Dichlorobenzene	8.19	146	353591	39.99	ng		94
14) 1,2-Dichlorobenzene	8.51	146	341714	40.64	ng		96
15) Benzyl Alcohol	8.39	79	405472	44.43	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	426122	44.90	ng		96
17) 2-Methylphenol	8.59	107	289610	42.15	ng		96
18) Hexachloroethane	9.24	117	140282	38.33	ng	#	80
19) n-Nitroso-di-n-propylamine	8.96	70	398439	48.51	ng		96
20) 3+4-Methylphenols	8.92	107	426910	45.10	ng		97
22) Acetophenone	8.98	105	648389	41.31	ng	#	93
24) Nitrobenzene	9.37	77	524745	37.02	ng	#	90
25) Isophorone	9.89	82	1045214	41.98	ng		96
26) 2-Nitrophenol	10.08	139	223577	43.78	ng		87
27) 2,4-Dimethylphenol	10.14	122	361860	37.09	ng		86
28) bis(2-Chloroethoxy)methane	10.37	93	573792	42.21	ng		97
29) 2,4-Dichlorophenol	10.63	162	397221	41.79	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	441529	39.12	ng		98
31) Naphthalene	11.03	128	1090609	39.97	ng		99
32) Benzoic acid	10.27	122	351309	59.79	ng		91
33) 4-Chloroaniline	11.14	127	539555	45.90	ng		98
34) Hexachlorobutadiene	11.31	225	352291	40.16	ng		98
35) Caprolactam	11.91	113	160270	53.53	ng		93
36) 4-Chloro-3-methylphenol	12.25	107	542693	46.51	ng		95
37) 2-Methylnaphthalene	12.63	142	890692	42.09	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	744083	44.89	ng		97
40) Hexachlorocyclopentadiene	12.97	237	430301	32.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	436533	41.07 ng		95
43) 2,4,5-Trichlorophenol	13.30	196	435359	39.15 ng		95
45) 1,1'-Biphenyl	13.63	154	1302300	38.94 ng		96
46) 2-Chloronaphthalene	13.67	162	1057988	38.45 ng		97
47) 2-Nitroaniline	13.87	65	448735	42.25 ng		94
48) Acenaphthylene	14.52	152	1578392	39.55 ng		99
49) Dimethylphthalate	14.24	163	1389211	38.14 ng		98
50) 2,6-Dinitrotoluene	14.37	165	316641	40.01 ng		86
51) Acenaphthene	14.86	154	1023161	34.80 ng		99
52) 3-Nitroaniline	14.70	138	319193	43.11 ng		89
53) 2,4-Dinitrophenol	14.91	184	227112	46.59 ng		89
54) Dibenzofuran	15.20	168	1515415	35.58 ng		99
55) 4-Nitrophenol	15.01	139	266653	42.58 ng		95
56) 2,4-Dinitrotoluene	15.16	165	458589	41.83 ng		93
57) Fluorene	15.85	166	1298812	38.22 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	441068	38.25 ng		97
59) Diethylphthalate	15.60	149	1413843	37.76 ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	813974	40.23 ng		97
61) 4-Nitroaniline	15.87	138	338715	44.33 ng	#	84
62) Azobenzene	16.13	77	1358102	33.49 ng		91
64) 4,6-Dinitro-2-methylphenol	15.93	198	337081	46.41 ng		93
65) n-Nitrosodiphenylamine	16.05	169	1260445	39.99 ng		98
66) 4-Bromophenyl-phenylether	16.74	248	569478	40.53 ng		91
67) Hexachlorobenzene	16.85	284	616622	41.51 ng		96
68) Atrazine	17.00	200	547383	41.14 ng		100
69) Pentachlorophenol	17.20	266	419066	40.99 ng		94
70) Phenanthrene	17.60	178	2095685	37.94 ng		97
71) Anthracene	17.69	178	2113887	37.19 ng		97
72) Carbazole	17.96	167	1827294	37.92 ng		99
73) Di-n-butylphthalate	18.50	149	2113087	37.66 ng		98
74) Fluoranthene	19.60	202	2468007	38.79 ng		96
76) Benzidine	19.78	184	1398066	110.85 ng		97
77) Pyrene	19.97	202	2510262	39.78 ng		97
79) Butylbenzylphthalate	20.83	149	1046038	38.30 ng		93
80) Benzo(a)anthracene	21.82	228	2585980	39.45 ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	1178245	43.52 ng		96
82) Chrysene	21.89	228	2414320	39.19 ng		96
83) Bis(2-ethylhexyl)phthalate	21.70	149	1427345	37.11 ng		99
84) Di-n-octyl phthalate	22.95	149	2421227	38.19 ng		98
85) Indeno(1,2,3-cd)pyrene	29.02	276	3068298	37.90 ng	#	100
87) Benzo(b)fluoranthene	24.12	252	2773921	37.51 ng		97
88) Benzo(k)fluoranthene	24.19	252	2729805	39.05 ng	#	96
89) Benzo(a)pyrene	25.03	252	2693082	37.35 ng		99
90) Dibenzo(a,h)anthracene	29.09	278	2664816	39.26 ng	#	91
91) Benzo(g,h,i)perylene	30.22	276	2689189	38.93 ng	#	97

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

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