Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022965.D
Acq On : 9 Jul 2016 14:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 11 14:14:14 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	8.15	152	119045	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	567563	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	434855	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1017286	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1101108	20.00	ng		0.00
86) Perylene-d12	25.21	264	1145810	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	571926	78.57	ng		0.00
7) Phenol-d6	7.31	99	943653	82.77	ng		0.00
23) Nitrobenzene-d5	9.33	82	1063862	80.26	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	549489	70.31	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2137245	77.42	ng		0.00
78) Terphenyl-d14	20.15	244	2928080	83.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	114191	40.36	ng	#	95
3) Pyridine	3.97	79	361774	37.37	ng		94
4) n-Nitrosodimethylamine	3.88	42	162522	39.13	ng		86
6) Aniline	7.47	93	647067	40.96	ng		99
8) 2-Chlorophenol	7.71	128	317035	40.93	ng		95
9) Benzaldehyde	7.29	77	304559	39.98	ng		91
10) Phenol	7.33	94	486989	41.52	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	362591	39.00	ng		99
12) 1,3-Dichlorobenzene	8.04	146	370631	39.09	ng		96
13) 1,4-Dichlorobenzene	8.19	146	386205	40.69	ng		98
14) 1,2-Dichlorobenzene	8.51	146	361062	38.26	ng		96
15) Benzyl Alcohol	8.39	79	436373	41.79	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	472410	41.60	ng		95
17) 2-Methylphenol	8.60	107	315179	41.28	ng		93
18) Hexachloroethane	9.25	117	154565	38.57	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	410841	39.98	ng		95
20) 3+4-Methylphenols	8.92	107	448195	42.09	ng		93
22) Acetophenone	8.98	105	668091	39.22	ng	#	93
24) Nitrobenzene	9.37	77	565720	40.17	ng		97
25) Isophorone	9.89	82	1015321	38.09	ng	#	96
26) 2-Nitrophenol	10.08	139	227023	41.08	ng		88
27) 2,4-Dimethylphenol	10.14	122	373802	39.13	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	580736	39.06	ng		99
29) 2,4-Dichlorophenol	10.63	162	421692	41.39	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	468643	40.14	ng		95
31) Naphthalene	11.03	128	1167290	40.40	ng		99
32) Benzoic acid	10.29	122	345671	39.77	ng		91
33) 4-Chloroaniline	11.14	127	560969	39.70	ng		98
34) Hexachlorobutadiene	11.31	225	370880	39.18	ng		97
35) Caprolactam	11.92	113	146170	34.87	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	545050	39.11	ng		95
37) 2-Methylnaphthalene	12.63	142	907094	39.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	746990	39.86	ng		98
40) Hexachlorocyclopentadiene	12.97	237	376116	34.86	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	427470	39.69	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	430558	38.93	ng		92
45) 1,1'-Biphenyl	13.63	154	1296249	39.73	ng		97
46) 2-Chloronaphthalene	13.68	162	1065866	40.27	ng		96
47) 2-Nitroaniline	13.88	65	447105	39.59	ng		97
48) Acenaphthylene	14.52	152	1539080	38.76	ng		99
49) Dimethylphthalate	14.24	163	1309649	36.87	ng		97
50) 2,6-Dinitrotoluene	14.37	165	306886	38.44	ng		84
51) Acenaphthene	14.86	154	1012862	39.04	ng		99
52) 3-Nitroaniline	14.71	138	302938	38.06	ng		94
53) 2,4-Dinitrophenol	14.91	184	217442	39.70	ng		93
54) Dibenzofuran	15.19	168	1471476	37.89	ng		99
55) 4-Nitrophenol	15.01	139	234288	35.11	ng		96
56) 2,4-Dinitrotoluene	15.16	165	431188	37.05	ng		97
57) Fluorene	15.85	166	1255384	37.56	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	406488m	36.73	ng		
59) Diethylphthalate	15.61	149	1317278	36.45	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	773793	38.01	ng		95
61) 4-Nitroaniline	15.87	138	314810	36.55	ng		90
62) Azobenzene	16.13	77	1342860	38.84	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	280033	37.04	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1181207	40.30	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	520233	39.31	ng		96
67) Hexachlorobenzene	16.86	284	567960	39.47	ng		97
68) Atrazine	17.00	200	503307	38.71	ng		99
69) Pentachlorophenol	17.20	266	345415	37.06	ng		97
70) Phenanthrene	17.60	178	1969250	39.50	ng		98
71) Anthracene	17.69	178	1985222	39.32	ng		98
72) Carbazole	17.96	167	1722678	39.49	ng		99
73) Di-n-butylphthalate	18.50	149	2013026	41.50	ng		99
74) Fluoranthene	19.61	202	2319482	37.91	ng		98
76) Benzidine	19.78	184	1101823	34.90	ng		100
77) Pyrene	19.96	202	2375427	38.39	ng		98
79) Butylbenzylphthalate	20.83	149	991983	40.47	ng		95
80) Benzo(a)anthracene	21.83	228	2449170	39.76	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	1062138	39.28	ng	#	92
82) Chrysene	21.90	228	2325882	40.25	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	1373806	40.37	ng		100
84) Di-n-octyl phthalate	22.97	149	2280791	40.19	ng		99
85) Indeno(1,2,3-cd)pyrene	29.05	276	2867968	38.92	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2651305	40.11	ng	#	98
88) Benzo(k)fluoranthene	24.21	252	2497855	39.82	ng	#	95
89) Benzo(a)pyrene	25.05	252	2541870	40.11	ng	#	99
90) Dibenzo(a,h)anthracene	29.12	278	2478341	39.41	ng	#	94
91) Benzo(g,h,i)perylene	30.26	276	2449983	38.90	ng	#	97

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

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