Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024084.D
Acq On : 23 Sep 2016 12:47
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Sep 23 14:05:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 14:01:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53807	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	257037	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	215182	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	495404	20.00	ng		0.00
75) Chrysene-d12	21.79	240	422066	20.00	ng		0.00
86) Perylene-d12	25.14	264	391455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	270053	88.12	ng		0.00
7) Phenol-d6	7.21	99	424661	90.01	ng		0.00
23) Nitrobenzene-d5	9.22	82	537579	93.37	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	250943	64.73	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1065102	70.97	ng		0.00
78) Terphenyl-d14	20.10	244	1759386	94.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	52851	41.82	ng		98
3) Pyridine	3.85	79	180183	47.43	ng		95
4) n-Nitrosodimethylamine	3.77	42	86536	43.22	ng	#	95
6) Aniline	7.36	93	293315	46.84	ng		98
8) 2-Chlorophenol	7.61	128	148687	41.88	ng		96
9) Benzaldehyde	7.17	77	115021	34.31	ng		93
10) Phenol	7.24	94	223154	44.96	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	177384	45.43	ng		88
12) 1,3-Dichlorobenzene	7.93	146	167416	40.29	ng		99
13) 1,4-Dichlorobenzene	8.08	146	170548	38.74	ng		95
14) 1,2-Dichlorobenzene	8.40	146	168729	40.83	ng		95
15) Benzyl Alcohol	8.29	79	198861	47.81	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	242248	46.28	ng		94
17) 2-Methylphenol	8.50	107	147482	44.11	ng		96
18) Hexachloroethane	9.12	117	73031	43.08	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	204277	49.01	ng		96
20) 3+4-Methylphenols	8.84	107	209258	44.91	ng		94
22) Acetophenone	8.88	105	305340	45.88	ng	#	98
24) Nitrobenzene	9.26	77	288890	46.66	ng		93
25) Isophorone	9.79	82	534580	47.88	ng		98
26) 2-Nitrophenol	9.98	139	103209	43.85	ng		94
27) 2,4-Dimethylphenol	10.05	122	171450	42.86	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	262980	46.65	ng		99
29) 2,4-Dichlorophenol	10.53	162	184527	43.54	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	192474	41.41	ng		97
31) Naphthalene	10.93	128	530612	40.06	ng		99
32) Benzoic acid	10.23	122	130797	40.26	ng		98
33) 4-Chloroaniline	11.04	127	238020	43.04	ng		97
34) Hexachlorobutadiene	11.20	225	148939	42.66	ng		94
35) Caprolactam	11.84	113	68209	45.67	ng	#	79
36) 4-Chloro-3-methylphenol	12.18	107	255928	45.19	ng		98
37) 2-Methylnaphthalene	12.54	142	408143	40.51	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	265053	37.11	ng		99
40) Hexachlorocyclopentadiene	12.87	237	107428	29.83	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	173922	36.49	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	178521	37.05	ng		93
45) 1,1'-Biphenyl	13.54	154	616077	35.59	ng		98
46) 2-Chloronaphthalene	13.59	162	455714	35.86	ng		95
47) 2-Nitroaniline	13.81	65	213875	42.73	ng		98
48) Acenaphthylene	14.45	152	758586	35.82	ng		100
49) Dimethylphthalate	14.17	163	675744	36.62	ng		98
50) 2,6-Dinitrotoluene	14.30	165	145296	37.30	ng		97
51) Acenaphthene	14.79	154	468324	35.76	ng		99
52) 3-Nitroaniline	14.65	138	139424	38.27	ng	#	97
53) 2,4-Dinitrophenol	14.86	184	85619	35.26	ng	#	90
54) Dibenzofuran	15.12	168	718559	35.16	ng		97
55) 4-Nitrophenol	14.98	139	99103	34.19	ng		90
56) 2,4-Dinitrotoluene	15.10	165	212829	37.17	ng	#	86
57) Fluorene	15.77	166	619935	34.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	172104	35.19	ng		95
59) Diethylphthalate	15.53	149	700954	35.59	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	328520	34.44	ng		95
61) 4-Nitroaniline	15.82	138	142342	38.65	ng		92
62) Azobenzene	16.06	77	728609	38.19	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	146406	42.57	ng		84
65) n-Nitrosodiphenylamine	15.98	169	572431	40.68	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	238164	39.51	ng		95
67) Hexachlorobenzene	16.78	284	266791	37.74	ng		98
68) Atrazine	16.93	200	246418	40.70	ng		93
69) Pentachlorophenol	17.14	266	126552	33.71	ng		99
70) Phenanthrene	17.53	178	1031731	40.03	ng		97
71) Anthracene	17.62	178	1055595	40.15	ng		99
72) Carbazole	17.90	167	974576	40.85	ng		99
73) Di-n-butylphthalate	18.43	149	1250980	43.95	ng		96
74) Fluoranthene	19.55	202	1272311	41.01	ng		96
76) Benzidine	19.73	184	524939	40.16	ng		97
77) Pyrene	19.91	202	1290296	49.71	ng		95
79) Butylbenzylphthalate	20.78	149	448231	44.79	ng		99
80) Benzo(a)anthracene	21.78	228	988927	41.86	ng		94
81) 3,3'-Dichlorobenzidine	21.69	252	362516	38.39	ng	#	99
82) Chrysene	21.84	228	921151	40.96	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	557225	40.67	ng		95
84) Di-n-octyl phthalate	22.89	149	991898	44.14	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1109433	44.56	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	946748	42.58	ng		96
88) Benzo(k)fluoranthene	24.14	252	938511	42.56	ng	#	98
89) Benzo(a)pyrene	24.98	252	904372	42.83	ng	#	98
90) Dibenzo(a,h)anthracene	29.03	278	895599	43.12	ng	#	98
91) Benzo(g,h,i)perylene	30.17	276	902395	45.18	ng	#	96

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

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