Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021778.D
Acq On : 20 Apr 2016 10:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 20 11:03:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28190	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	141643	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	92970	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	203340	20.00	ng		-0.01
75) Chrysene-d12	21.83	240	219526	20.00	ng		0.00
86) Perylene-d12	25.16	264	215230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	140151	82.79	ng		0.00
7) Phenol-d6	7.37	99	214542	84.85	ng		0.00
23) Nitrobenzene-d5	9.38	82	217369	78.88	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	86205	86.03	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	504569	79.52	ng		-0.01
78) Terphenyl-d14	20.14	244	741691	84.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	27270	36.19	ng		88
3) Pyridine	4.03	79	85852	37.97	ng		92
4) n-Nitrosodimethylamine	3.94	42	38964	34.77	ng	#	73
6) Aniline	7.53	93	132148	39.51	ng		95
8) 2-Chlorophenol	7.77	128	84176	41.48	ng		93
9) Benzaldehyde	7.34	77	64115	43.85	ng		88
10) Phenol	7.39	94	111014	40.82	ng		96
11) bis(2-Chloroethyl)ether	7.62	93	83517	38.37	ng		94
12) 1,3-Dichlorobenzene	8.10	146	92292	40.72	ng		94
13) 1,4-Dichlorobenzene	8.25	146	93182	40.38	ng		95
14) 1,2-Dichlorobenzene	8.57	146	89976	40.65	ng		96
15) Benzyl Alcohol	8.45	79	79305	41.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	167328	35.89	ng		98
17) 2-Methylphenol	8.65	107	79026	42.03	ng		93
18) Hexachloroethane	9.30	117	34795	41.43	ng	#	77
19) n-Nitroso-di-n-propylamine	9.02	70	75021	38.18	ng	#	92
20) 3+4-Methylphenols	8.97	107	107903	41.94	ng		95
22) Acetophenone	9.03	105	136781	34.67	ng	#	97
24) Nitrobenzene	9.42	77	112494	38.12	ng		96
25) Isophorone	9.94	82	215330	35.70	ng		99
26) 2-Nitrophenol	10.13	139	51315	45.55	ng		93
27) 2,4-Dimethylphenol	10.19	122	90989	35.56	ng		100
28) bis(2-Chloroethoxy)methane	10.42	93	119200	37.19	ng		94
29) 2,4-Dichlorophenol	10.67	162	89879	41.20	ng		97
30) 1,2,4-Trichlorobenzene	10.88	180	94892	40.45	ng		95
31) Naphthalene	11.08	128	295109	38.93	ng	#	96
32) Benzoic acid	10.31	122	38495	30.51	ng		97
33) 4-Chloroaniline	11.18	127	128608	39.19	ng		97
34) Hexachlorobutadiene	11.35	225	61383	40.57	ng		98
35) Caprolactam	11.95	113	36123	36.18	ng		98
36) 4-Chloro-3-methylphenol	12.29	107	113667	41.43	ng		99
37) 2-Methylnaphthalene	12.66	142	211709	40.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	117026	40.28	ng		99
40) Hexachlorocyclopentadiene	13.00	237	52454	32.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	78954	42.61	ng		99
43) 2,4,5-Trichlorophenol	13.33	196	82232	41.13	ng		95
45) 1,1'-Biphenyl	13.66	154	287153	36.66	ng		96
46) 2-Chloronaphthalene	13.70	162	230957	39.88	ng		100
47) 2-Nitroaniline	13.90	65	77763	39.16	ng		97
48) Acenaphthylene	14.54	152	376300	39.30	ng		99
49) Dimethylphthalate	14.27	163	301886	37.56	ng		99
50) 2,6-Dinitrotoluene	14.39	165	66531	43.41	ng		94
51) Acenaphthene	14.89	154	237925	38.87	ng		98
52) 3-Nitroaniline	14.72	138	67116	39.48	ng		92
53) 2,4-Dinitrophenol	14.92	184	18207	35.46	ng		95
54) Dibenzofuran	15.21	168	330326	39.52	ng		98
55) 4-Nitrophenol	15.02	139	55687	38.26	ng		99
56) 2,4-Dinitrotoluene	15.17	165	89972	43.43	ng		95
57) Fluorene	15.86	166	290687	38.94	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.44	232	68917	41.55	ng		98
59) Diethylphthalate	15.62	149	308252	36.74	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	147645	40.16	ng		96
61) 4-Nitroaniline	15.88	138	70752	37.83	ng		97
62) Azobenzene	16.14	77	268283	37.31	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	35932	43.06	ng		94
65) n-Nitrosodiphenylamine	16.06	169	249921	40.98	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	93308	42.83	ng		98
67) Hexachlorobenzene	16.86	284	97303	42.31	ng		93
68) Atrazine	17.00	200	95507	39.66	ng		98
69) Pentachlorophenol	17.20	266	43003	32.75	ng		94
70) Phenanthrene	17.60	178	442399	39.48	ng		99
71) Anthracene	17.69	178	445862	39.19	ng		98
72) Carbazole	17.95	167	396039	37.30	ng		99
73) Di-n-butylphthalate	18.49	149	504713	37.37	ng		98
74) Fluoranthene	19.59	202	500199	37.38	ng		99
76) Benzidine	19.76	184	274163	40.11	ng		98
77) Pyrene	19.95	202	508358	40.16	ng		99
79) Butylbenzylphthalate	20.82	149	239974	40.84	ng		96
80) Benzo(a)anthracene	21.81	228	503604	39.86	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	338371	33.84	ng		99
82) Chrysene	21.88	228	485838	40.03	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	341966	39.79	ng		99
84) Di-n-octyl phthalate	22.94	149	583514	40.53	ng		97
85) Indeno(1,2,3-cd)pyrene	28.98	276	596970	41.37	ng	#	97
87) Benzo(b)fluoranthene	24.10	252	503796	40.34	ng		98
88) Benzo(k)fluoranthene	24.17	252	487204	39.90	ng		98
89) Benzo(a)pyrene	25.00	252	486963	40.24	ng		96
90) Dibenzo(a,h)anthracene	29.05	278	504238	41.56	ng		99
91) Benzo(g,h,i)perylene	30.19	276	487724	40.97	ng		97

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

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