Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022417\
Data File : BG025934.D
Acq On : 24 Feb 2017 16:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 24 22:37:31 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	97061	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	488891	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	364308	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	764365	20.00	ng		0.00
75) Chrysene-d12	21.67	240	754936	20.00	ng		0.00
86) Perylene-d12	24.88	264	763684	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	453706	81.38	ng		0.00
7) Phenol-d6	7.24	99	683305	82.83	ng		0.00
23) Nitrobenzene-d5	9.24	82	643181	83.02	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	295322	87.74	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1643006	78.81	ng		0.00
78) Terphenyl-d14	20.01	244	2410557	77.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	97326	38.20	ng	#	86
3) Pyridine	3.94	79	297393	39.17	ng	#	78
4) n-Nitrosodimethylamine	3.85	42	106171	38.88	ng	#	36
6) Aniline	7.40	93	470486	41.02	ng		94
8) 2-Chlorophenol	7.64	128	272604	41.14	ng		87
9) Benzaldehyde	7.22	77	190036	38.87	ng	#	78
10) Phenol	7.26	94	362664	40.45	ng	#	75
11) bis(2-Chloroethyl)ether	7.50	93	287891	39.07	ng		89
12) 1,3-Dichlorobenzene	7.97	146	301112	39.31	ng	#	88
13) 1,4-Dichlorobenzene	8.12	146	308652	39.78	ng		95
14) 1,2-Dichlorobenzene	8.44	146	302837	39.76	ng	#	92
15) Benzyl Alcohol	8.31	79	257195	42.57	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	414367	38.75	ng		93
17) 2-Methylphenol	8.51	107	265179	41.06	ng	#	83
18) Hexachloroethane	9.17	117	104395	40.60	ng		89
19) n-Nitroso-di-n-propylamine	8.88	70	249356	41.38	ng	#	81
20) 3+4-Methylphenols	8.84	107	390198	42.41	ng		89
22) Acetophenone	8.90	105	474886	40.48	ng	#	81
24) Nitrobenzene	9.28	77	337715	40.31	ng	#	81
25) Isophorone	9.81	82	720155	42.24	ng	#	91
26) 2-Nitrophenol	9.99	139	166953	42.62	ng	#	66
27) 2,4-Dimethylphenol	10.05	122	310358	42.45	ng		89
28) bis(2-Chloroethoxy)methane	10.28	93	433675	40.14	ng		99
29) 2,4-Dichlorophenol	10.52	162	301499	43.20	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	306049	40.33	ng		99
31) Naphthalene	10.93	128	1024021	40.51	ng		99
32) Benzoic acid	10.17	122	259455	46.48	ng	#	74
33) 4-Chloroaniline	11.03	127	464987	42.36	ng	#	86
34) Hexachlorobutadiene	11.22	225	174054	40.30	ng		97
35) Caprolactam	11.80	113	139364	49.45	ng	#	83
36) 4-Chloro-3-methylphenol	12.15	107	364797	43.69	ng	#	83
37) 2-Methylnaphthalene	12.53	142	795713	41.33	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	363832	39.85	ng		99
40) Hexachlorocyclopentadiene	12.88	237	200893	40.21	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	255552	43.33	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	289662	43.27	ng	#	92
45) 1,1'-Biphenyl	13.53	154	1039398	39.37	ng		99
46) 2-Chloronaphthalene	13.57	162	757915	39.71	ng		98
47) 2-Nitroaniline	13.76	65	255349	42.18	ng	#	74
48) Acenaphthylene	14.41	152	1392267	40.97	ng		99
49) Dimethylphthalate	14.14	163	1016343	40.66	ng		98
50) 2,6-Dinitrotoluene	14.25	165	228504	40.70	ng	#	68
51) Acenaphthene	14.75	154	907788	40.45	ng		99
52) 3-Nitroaniline	14.58	138	263271	41.92	ng	#	78
53) 2,4-Dinitrophenol	14.78	184	117952	40.15	ng		88
54) Dibenzofuran	15.08	168	1200603	40.13	ng		91
55) 4-Nitrophenol	14.88	139	219748	43.00	ng	#	48
56) 2,4-Dinitrotoluene	15.04	165	312095	41.32	ng	#	78
57) Fluorene	15.73	166	1081920	40.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	256621	43.45	ng		98
59) Diethylphthalate	15.49	149	1063593	41.14	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	503410	40.63	ng		92
61) 4-Nitroaniline	15.73	138	276832	42.53	ng	#	57
62) Azobenzene	16.01	77	898476	40.43	ng		87
64) 4,6-Dinitro-2-methylphenol	15.80	198	168148	37.59	ng		89
65) n-Nitrosodiphenylamine	15.93	169	947523	40.87	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	332555	41.51	ng		96
67) Hexachlorobenzene	16.73	284	337552	40.88	ng		95
68) Atrazine	16.87	200	343274	41.84	ng		98
69) Pentachlorophenol	17.07	266	230519	45.26	ng		98
70) Phenanthrene	17.46	178	1667053	40.18	ng		97
71) Anthracene	17.55	178	1720357	40.67	ng		99
72) Carbazole	17.81	167	1737601	40.89	ng		96
73) Di-n-butylphthalate	18.37	149	1775053	42.55	ng	#	94
74) Fluoranthene	19.46	202	1823341	39.91	ng		95
76) Benzidine	19.63	184	924410	38.79	ng		99
77) Pyrene	19.82	202	1875682	39.29	ng		100
79) Butylbenzylphthalate	20.69	149	796685	43.97	ng		89
80) Benzo(a)anthracene	21.65	228	1784589	40.49	ng		97
81) 3,3'-Dichlorobenzidine	21.56	252	680160	43.29	ng	#	97
82) Chrysene	21.72	228	1693831	39.96	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	1149609	43.94	ng		100
84) Di-n-octyl phthalate	22.76	149	1980479	45.84	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.55	276	2080825	41.68	ng	#	87
87) Benzo(b)fluoranthene	23.86	252	1822650	39.85	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	1779127	39.87	ng	#	93
89) Benzo(a)pyrene	24.73	252	1740592	40.19	ng	#	93
90) Dibenzo(a,h)anthracene	28.61	278	1762681	40.51	ng	#	93
91) Benzo(g,h,i)perylene	29.69	276	1769218	40.56	ng	#	86

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

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