Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
Data File : BG021020.D
Acq On : 22 Feb 2016 17:43
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Feb 22 23:39:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 23:33:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	12675	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	63261	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	40888	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	83772	20.00	ng		0.00
75) Chrysene-d12	21.86	240	46269	20.00	ng		0.00
86) Perylene-d12	25.21	264	44281	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	33581	45.39	ng		0.01
7) Phenol-d6	7.49	99	48343	44.80	ng		0.00
23) Nitrobenzene-d5	9.44	82	43719	46.23	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	26634	62.53	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	148240	51.07	ng		0.00
78) Terphenyl-d14	20.17	244	122039	59.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	5332	20.15	ng		93
3) Pyridine	4.23	79	16616	21.31	ng		95
4) n-Nitrosodimethylamine	4.03	42	4446	21.55	ng		95
6) Aniline	7.61	93	18424	14.24	ng		94
8) 2-Chlorophenol	7.84	128	21142	22.77	ng		98
9) Benzaldehyde	7.42	77	11856	22.35	ng		94
10) Phenol	7.52	94	24908	21.80	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	21099	23.15	ng		96
12) 1,3-Dichlorobenzene	8.13	146	24067	24.34	ng		99
13) 1,4-Dichlorobenzene	8.27	146	25264	25.13	ng		98
14) 1,2-Dichlorobenzene	8.60	146	23670	24.30	ng		99
15) Benzyl Alcohol	8.55	79	15163	22.18	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.77	45	22464	23.44	ng		76
17) 2-Methylphenol	8.75	107	18517	22.39	ng		98
18) Hexachloroethane	9.32	117	7934	23.14	ng		89
19) n-Nitroso-di-n-propylamine	9.11	70	15176	21.76	ng		96
20) 3+4-Methylphenols	9.09	107	25914	22.47	ng		92
22) Acetophenone	9.12	105	34848	23.25	ng	#	96
24) Nitrobenzene	9.48	77	22899	23.16	ng		95
25) Isophorone	10.09	82	45869	22.99	ng		96
26) 2-Nitrophenol	10.19	139	13666	25.88	ng		92
27) 2,4-Dimethylphenol	10.28	122	22703	22.95	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	28571	23.31	ng		98
29) 2,4-Dichlorophenol	10.75	162	22438	24.74	ng		95
30) 1,2,4-Trichlorobenzene	10.91	180	24406	26.48	ng		99
31) Naphthalene	11.12	128	81736	25.04	ng		99
32) Benzoic acid	10.53	122	17893	22.05	ng		97
33) 4-Chloroaniline	11.26	127	28120	20.44	ng		98
34) Hexachlorobutadiene	11.37	225	13296	27.98	ng		95
35) Caprolactam	12.36	113	8304	23.72	ng		99
36) 4-Chloro-3-methylphenol	12.40	107	23546	22.94	ng		97
37) 2-Methylnaphthalene	12.70	142	57863	25.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	29856	24.90	ng		98
40) Hexachlorocyclopentadiene	13.02	237	16619	30.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	21108	26.17	ng		97
43) 2,4,5-Trichlorophenol	13.41	196	21768	25.64	ng		97
45) 1,1'-Biphenyl	13.69	154	87892	24.60	ng		99
46) 2-Chloronaphthalene	13.74	162	61382	23.97	ng		97
47) 2-Nitroaniline	13.98	65	13522	22.32	ng		98
48) Acenaphthylene	14.58	152	112409	25.07	ng		100
49) Dimethylphthalate	14.34	163	82326	25.60	ng		99
50) 2,6-Dinitrotoluene	14.45	165	17837	25.86	ng		99
51) Acenaphthene	14.92	154	63599	23.59	ng		99
52) 3-Nitroaniline	14.80	138	17638	22.37	ng		98
53) 2,4-Dinitrophenol	14.98	184	9058	33.83	ng		96
54) Dibenzofuran	15.25	168	93648	25.81	ng		98
55) 4-Nitrophenol	15.16	139	15525	25.49	ng		98
56) 2,4-Dinitrotoluene	15.23	165	24594	27.23	ng	#	97
57) Fluorene	15.89	166	83873	25.15	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	19299	29.04	ng		100
59) Diethylphthalate	15.68	149	83446	25.12	ng		98
60) 4-Chlorophenyl-phenylether	15.88	204	40681	27.04	ng		95
61) 4-Nitroaniline	15.97	138	17631	22.20	ng		96
62) Azobenzene	16.17	77	55919	22.03	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	13705	32.46	ng		92
65) n-Nitrosodiphenylamine	16.10	169	68553	25.48	ng		99
66) 4-Bromophenyl-phenylether	16.77	248	25187	28.16	ng		92
67) Hexachlorobenzene	16.88	284	28059	29.10	ng		99
68) Atrazine	17.08	200	20177	24.67	ng		98
69) Pentachlorophenol	17.25	266	16630	29.64	ng		99
70) Phenanthrene	17.63	178	117811	24.80	ng		99
71) Anthracene	17.72	178	117044	24.38	ng		98
72) Carbazole	18.01	167	99863	23.33	ng		97
73) Di-n-butylphthalate	18.53	149	112883	20.91	ng		100
74) Fluoranthene	19.62	202	95310	19.20	ng		98
76) Benzidine	19.82	184	32856	22.36	ng		97
77) Pyrene	19.98	202	89558	28.61	ng		99
79) Butylbenzylphthalate	20.86	149	32300	22.55	ng		99
80) Benzo(a)anthracene	21.84	228	67456	24.44	ng		100
81) 3,3'-Dichlorobenzidine	21.77	252	26874	26.19	ng		99
82) Chrysene	21.91	228	63886	24.65	ng		100
83) Bis(2-ethylhexyl)phthalate	21.72	149	45349	21.56	ng		99
84) Di-n-octyl phthalate	22.97	149	71268	20.70	ng		100
85) Indeno(1,2,3-cd)pyrene	29.04	276	78937	26.30	ng	#	92
87) Benzo(b)fluoranthene	24.14	252	67084	24.91	ng		99
88) Benzo(k)fluoranthene	24.21	252	65633	24.74	ng		99
89) Benzo(a)pyrene	25.05	252	64666	25.08	ng		99
90) Dibenzo(a,h)anthracene	29.10	278	67207	26.57	ng		99
91) Benzo(g,h,i)perylene	30.25	276	65028	26.01	ng		98

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

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