Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021516\
Data File : BG020904.D
Acq On : 15 Feb 2016 10:30
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 16 00:14:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20917	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	108440	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	62043	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	128584	20.00	ng		0.00
75) Chrysene-d12	21.90	240	123506	20.00	ng		0.00
86) Perylene-d12	25.27	264	116535	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	101768	81.93	ng		0.00
7) Phenol-d6	7.41	99	151068	83.21	ng		0.00
23) Nitrobenzene-d5	9.44	82	130865	79.35	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	51343	84.15	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	353638	80.07	ng		0.00
78) Terphenyl-d14	20.20	244	416495	78.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	18062	39.99	ng		99
3) Pyridine	4.05	79	55745	41.73	ng		99
4) n-Nitrosodimethylamine	3.96	42	14634	41.87	ng		99
6) Aniline	7.58	93	92595	40.90	ng		97
8) 2-Chlorophenol	7.83	128	64011	41.25	ng		98
9) Benzaldehyde	7.40	77	35755	39.32	ng		100
10) Phenol	7.44	94	78020	40.61	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	62492	40.72	ng		97
12) 1,3-Dichlorobenzene	8.15	146	66896	40.78	ng		100
13) 1,4-Dichlorobenzene	8.30	146	67963	40.86	ng		98
14) 1,2-Dichlorobenzene	8.62	146	65921	40.74	ng		99
15) Benzyl Alcohol	8.50	79	45810	40.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	64554	40.33	ng		99
17) 2-Methylphenol	8.70	107	56074	40.51	ng		98
18) Hexachloroethane	9.36	117	23752	41.53	ng		97
19) n-Nitroso-di-n-propylamine	9.07	70	46663	39.84	ng	#	98
20) 3+4-Methylphenols	9.03	107	77999	40.44	ng		97
22) Acetophenone	9.09	105	102592	39.25	ng	#	99
24) Nitrobenzene	9.48	77	68053	39.58	ng		97
25) Isophorone	10.00	82	137012	39.41	ng		97
26) 2-Nitrophenol	10.19	139	36029	39.82	ng		97
27) 2,4-Dimethylphenol	10.25	122	65748	37.92	ng		93
28) bis(2-Chloroethoxy)methane	10.48	93	84252	39.33	ng		99
29) 2,4-Dichlorophenol	10.73	162	62145	40.00	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	63957	40.86	ng		99
31) Naphthalene	11.14	128	219694	39.16	ng		98
32) Benzoic acid	10.37	122	48351	34.77	ng		100
33) 4-Chloroaniline	11.24	127	96731	40.09	ng		99
34) Hexachlorobutadiene	11.42	225	32281	40.46	ng		96
35) Caprolactam	12.02	113	23451	39.39	ng		94
36) 4-Chloro-3-methylphenol	12.34	107	70763	39.75	ng		97
37) 2-Methylnaphthalene	12.73	142	152490	38.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	72685	39.94	ng		99
40) Hexachlorocyclopentadiene	13.07	237	31254	39.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	49484	40.48	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	52273	40.67	ng		97
45) 1,1'-Biphenyl	13.72	154	218476	39.92	ng		99
46) 2-Chloronaphthalene	13.77	162	156833	40.02	ng		97
47) 2-Nitroaniline	13.96	65	37247	39.69	ng		99
48) Acenaphthylene	14.60	152	274211	40.24	ng		100
49) Dimethylphthalate	14.33	163	196165	40.43	ng		100
50) 2,6-Dinitrotoluene	14.45	165	43127	41.48	ng		99
51) Acenaphthene	14.94	154	163614	39.60	ng		99
52) 3-Nitroaniline	14.78	138	49900	41.31	ng		99
53) 2,4-Dinitrophenol	14.98	184	12193	33.17	ng		89
54) Dibenzofuran	15.27	168	219882	40.24	ng		99
55) 4-Nitrophenol	15.07	139	37156	40.73	ng		98
56) 2,4-Dinitrotoluene	15.23	165	56455	42.01	ng	#	98
57) Fluorene	15.92	166	201933	40.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	40487	41.33	ng		99
59) Diethylphthalate	15.68	149	202043	40.51	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	90176	40.35	ng		94
61) 4-Nitroaniline	15.94	138	49513	40.83	ng		100
62) Azobenzene	16.20	77	156496	39.91	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	21379	34.47	ng		98
65) n-Nitrosodiphenylamine	16.12	169	163937	39.46	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	54496	40.13	ng		98
67) Hexachlorobenzene	16.92	284	58657	40.59	ng		99
68) Atrazine	17.05	200	50112	39.75	ng		97
69) Pentachlorophenol	17.26	266	29629	35.76	ng		94
70) Phenanthrene	17.66	178	287785	39.31	ng		98
71) Anthracene	17.75	178	292668	39.39	ng		99
72) Carbazole	18.02	167	263573	39.53	ng		99
73) Di-n-butylphthalate	18.55	149	339849	39.75	ng		100
74) Fluoranthene	19.65	202	315458	39.89	ng		99
76) Benzidine	19.82	184	133681	33.47	ng		99
77) Pyrene	20.01	202	317646	38.99	ng		99
79) Butylbenzylphthalate	20.88	149	153313	39.31	ng		99
80) Benzo(a)anthracene	21.88	228	291599	39.55	ng		100
81) 3,3'-Dichlorobenzidine	21.78	252	105361	38.50	ng		99
82) Chrysene	21.95	228	276015	39.81	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	221829	38.36	ng		100
84) Di-n-octyl phthalate	23.03	149	370814	39.07	ng		100
85) Indeno(1,2,3-cd)pyrene	29.16	276	311707	39.09	ng		97
87) Benzo(b)fluoranthene	24.20	252	284448	39.88	ng		99
88) Benzo(k)fluoranthene	24.27	252	277066	39.65	ng		99
89) Benzo(a)pyrene	25.12	252	268976	39.58	ng		98
90) Dibenzo(a,h)anthracene	29.22	278	253914	38.43	ng		98
91) Benzo(g,h,i)perylene	30.36	276	245860	37.48	ng		96

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

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