Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020936.D
Acq On : 18 Feb 2016 15:15
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 18 23:45:15 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	8.26	152	21884	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	114842	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	70457	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	151189	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	139506	20.00	ng	-0.02
86) Perylene-d12	25.26	264	132116	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	104644	80.53	ng	-0.01
7) Phenol-d6	7.40	99	159957	84.22	ng	0.00
23) Nitrobenzene-d5	9.43	82	141603	81.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	62803	90.64	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	401528	80.05	ng	-0.01
78) Terphenyl-d14	20.19	244	480398	80.33	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	18917	40.04	ng	97
3) Pyridine	4.04	79	58068	41.55	ng	98
4) n-Nitrosodimethylamine	3.95	42	14783	40.43	ng	95
6) Aniline	7.57	93	98330	41.52	ng	99
8) 2-Chlorophenol	7.82	128	67809	41.77	ng	98
9) Benzaldehyde	7.39	77	37380	39.29	ng	95
10) Phenol	7.43	94	82845	41.22	ng	98
11) bis(2-Chloroethyl)ether	7.67	93	65718	40.93	ng	97
12) 1,3-Dichlorobenzene	8.15	146	70127	40.86	ng	98
13) 1,4-Dichlorobenzene	8.30	146	71757	41.23	ng	99
14) 1,2-Dichlorobenzene	8.62	146	69730	41.19	ng	99
15) Benzyl Alcohol	8.49	79	49911	41.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	65528	39.13	ng	99
17) 2-Methylphenol	8.70	107	60765	41.96	ng	97
18) Hexachloroethane	9.35	117	25085	41.92	ng	97
19) n-Nitroso-di-n-propylamine	9.07	70	52261	42.64	ng	99
20) 3+4-Methylphenols	9.03	107	84701	41.97	ng	97
22) Acetophenone	9.08	105	113754	41.09	ng	99
24) Nitrobenzene	9.48	77	72351	39.74	ng	97
25) Isophorone	9.99	82	154435	41.95	ng	99
26) 2-Nitrophenol	10.19	139	42708	44.57	ng	94
27) 2,4-Dimethylphenol	10.24	122	73555	40.06	ng	96
28) bis(2-Chloroethoxy)methane	10.48	93	92984	40.99	ng	99
29) 2,4-Dichlorophenol	10.72	162	69627	42.31	ng	98
30) 1,2,4-Trichlorobenzene	10.95	180	67343	40.63	ng	95
31) Naphthalene	11.14	128	239455	40.30	ng	99
32) Benzoic acid	10.36	122	60131	40.83	ng	98
33) 4-Chloroaniline	11.24	127	108874	42.60	ng	99
34) Hexachlorobutadiene	11.42	225	34681	41.05	ng	98
35) Caprolactam	12.01	113	28830	45.72	ng	96
36) 4-Chloro-3-methylphenol	12.34	107	81051	42.99	ng	96
37) 2-Methylnaphthalene	12.72	142	173038	41.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	80821	39.10	ng	98
40) Hexachlorocyclopentadiene	13.06	237	39194	43.10	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	57421	41.36	ng		99
43) 2,4,5-Trichlorophenol	13.38	196	60848	41.68	ng		98
45) 1,1'-Biphenyl	13.71	154	247278	39.78	ng		100
46) 2-Chloronaphthalene	13.76	162	178955	40.22	ng		100
47) 2-Nitroaniline	13.95	65	44516	41.77	ng		98
48) Acenaphthylene	14.60	152	316984	40.97	ng		99
49) Dimethylphthalate	14.32	163	234481	42.56	ng		100
50) 2,6-Dinitrotoluene	14.44	165	51388	43.53	ng		100
51) Acenaphthene	14.94	154	194999	41.56	ng		96
52) 3-Nitroaniline	14.78	138	59594	43.44	ng		95
53) 2,4-Dinitrophenol	14.98	184	21074	46.08	ng	#	84
54) Dibenzofuran	15.27	168	257828	41.55	ng		99
55) 4-Nitrophenol	15.06	139	47220	45.58	ng		99
56) 2,4-Dinitrotoluene	15.22	165	70237	46.02	ng		98
57) Fluorene	15.92	166	240153	42.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	48778	43.85	ng		98
59) Diethylphthalate	15.67	149	242722	42.86	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	105551	41.59	ng		94
61) 4-Nitroaniline	15.93	138	60543	43.97	ng		98
62) Azobenzene	16.19	77	181826	40.83	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	32779	43.28	ng		98
65) n-Nitrosodiphenylamine	16.12	169	196385	40.20	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	63955	40.05	ng		99
67) Hexachlorobenzene	16.91	284	69268	40.77	ng		100
68) Atrazine	17.05	200	58935	39.76	ng		99
69) Pentachlorophenol	17.26	266	38794	39.83	ng		97
70) Phenanthrene	17.65	178	349368	40.59	ng		100
71) Anthracene	17.74	178	352710	40.37	ng		100
72) Carbazole	18.01	167	309767	39.51	ng		100
73) Di-n-butylphthalate	18.55	149	397610	39.55	ng		100
74) Fluoranthene	19.64	202	365377	39.29	ng		99
76) Benzidine	19.81	184	165668	36.72	ng		99
77) Pyrene	20.00	202	370180	40.23	ng		99
79) Butylbenzylphthalate	20.87	149	177535	40.30	ng		100
80) Benzo(a)anthracene	21.87	228	337803	40.56	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	126870	41.04	ng		97
82) Chrysene	21.94	228	315433	40.27	ng		100
83) Bis(2-ethylhexyl)phthalate	21.75	149	263201	40.29	ng		100
84) Di-n-octyl phthalate	23.01	149	434761	40.55	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	376772	41.83	ng		99
87) Benzo(b)fluoranthene	24.18	252	328637	40.65	ng		99
88) Benzo(k)fluoranthene	24.25	252	323289	40.81	ng		100
89) Benzo(a)pyrene	25.10	252	313582	40.70	ng		100
90) Dibenzo(a,h)anthracene	29.19	278	306029	40.85	ng		99
91) Benzo(g,h,i)perylene	30.33	276	303162	40.77	ng		99

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

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