Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020952.D
Acq On : 19 Feb 2016 1:43
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 19 02:50:00 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	23168	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	121541	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	73223	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	150182	20.00	ng		0.00
75) Chrysene-d12	21.89	240	141004	20.00	ng		-0.02
86) Perylene-d12	25.25	264	133882	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	111777	81.25	ng		0.00
7) Phenol-d6	7.40	99	169382	84.24	ng		0.00
23) Nitrobenzene-d5	9.43	82	149114	80.67	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	62315	86.54	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	418169	80.22	ng		0.00
78) Terphenyl-d14	20.19	244	485888	80.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	20337	40.66	ng		96
3) Pyridine	4.04	79	61437	41.52	ng		99
4) n-Nitrosodimethylamine	3.95	42	15840	40.92	ng		91
6) Aniline	7.58	93	104976	41.87	ng		99
8) 2-Chlorophenol	7.82	128	71997	41.89	ng		100
9) Benzaldehyde	7.39	77	39623	39.34	ng		98
10) Phenol	7.43	94	87639	41.18	ng		98
11) bis(2-Chloroethyl)ether	7.66	93	70818	41.67	ng		98
12) 1,3-Dichlorobenzene	8.15	146	74990	41.27	ng		100
13) 1,4-Dichlorobenzene	8.29	146	76323	41.43	ng		100
14) 1,2-Dichlorobenzene	8.62	146	73858	41.21	ng		96
15) Benzyl Alcohol	8.49	79	52800	41.66	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.78	45	70531	39.78	ng		99
17) 2-Methylphenol	8.69	107	64623	42.15	ng		96
18) Hexachloroethane	9.36	117	26151	41.28	ng		98
19) n-Nitroso-di-n-propylamine	9.06	70	54719	42.17	ng		98
20) 3+4-Methylphenols	9.02	107	90674	42.44	ng		98
22) Acetophenone	9.09	105	119962	40.95	ng	#	99
24) Nitrobenzene	9.47	77	77084	40.00	ng		96
25) Isophorone	10.00	82	162075	41.60	ng		98
26) 2-Nitrophenol	10.19	139	44783	44.16	ng		95
27) 2,4-Dimethylphenol	10.24	122	77150	39.70	ng		93
28) bis(2-Chloroethoxy)methane	10.47	93	99030	41.24	ng		99
29) 2,4-Dichlorophenol	10.72	162	72702	41.75	ng		99
30) 1,2,4-Trichlorobenzene	10.94	180	72373	41.25	ng		100
31) Naphthalene	11.14	128	255753	40.67	ng		98
32) Benzoic acid	10.37	122	60402	38.75	ng		97
33) 4-Chloroaniline	11.24	127	113407	41.93	ng		98
34) Hexachlorobutadiene	11.41	225	36907	41.28	ng		98
35) Caprolactam	12.01	113	28875	43.27	ng		96
36) 4-Chloro-3-methylphenol	12.33	107	83175	41.68	ng		98
37) 2-Methylnaphthalene	12.72	142	179460	40.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	83995	39.11	ng		98
40) Hexachlorocyclopentadiene	13.06	237	39877	42.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	60172	41.70	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	62618	41.28	ng		99
45) 1,1'-Biphenyl	13.71	154	256405	39.69	ng		99
46) 2-Chloronaphthalene	13.76	162	186136	40.25	ng		97
47) 2-Nitroaniline	13.96	65	45266	40.87	ng		97
48) Acenaphthylene	14.60	152	325169	40.44	ng		99
49) Dimethylphthalate	14.32	163	235497	41.13	ng		99
50) 2,6-Dinitrotoluene	14.44	165	52339	42.66	ng		97
51) Acenaphthene	14.94	154	199043	40.82	ng		99
52) 3-Nitroaniline	14.77	138	59516	41.75	ng		99
53) 2,4-Dinitrophenol	14.97	184	19794	42.46	ng		93
54) Dibenzofuran	15.27	168	262431	40.69	ng		99
55) 4-Nitrophenol	15.07	139	47061	43.71	ng		97
56) 2,4-Dinitrotoluene	15.22	165	69904	44.08	ng		96
57) Fluorene	15.91	166	244035	41.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.48	232	49246	42.60	ng		98
59) Diethylphthalate	15.67	149	244759	41.58	ng		97
60) 4-Chlorophenyl-phenylether	15.90	204	107188	40.63	ng		95
61) 4-Nitroaniline	15.93	138	60412	42.21	ng		97
62) Azobenzene	16.19	77	182959	39.53	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	32092	42.73	ng		97
65) n-Nitrosodiphenylamine	16.11	169	196990	40.60	ng		99
66) 4-Bromophenyl-phenylether	16.79	248	64942	40.95	ng		98
67) Hexachlorobenzene	16.91	284	69611	41.24	ng		99
68) Atrazine	17.05	200	58646	39.83	ng		100
69) Pentachlorophenol	17.25	266	39063	40.37	ng		96
70) Phenanthrene	17.65	178	348955	40.81	ng		99
71) Anthracene	17.74	178	350369	40.37	ng		99
72) Carbazole	18.00	167	311233	39.96	ng		99
73) Di-n-butylphthalate	18.54	149	399601	40.01	ng		99
74) Fluoranthene	19.64	202	368293	39.87	ng		99
76) Benzidine	19.81	184	166992	36.62	ng		99
77) Pyrene	20.00	202	373999	40.21	ng		99
79) Butylbenzylphthalate	20.86	149	179141	40.23	ng		98
80) Benzo(a)anthracene	21.86	228	342492	40.69	ng		100
81) 3,3'-Dichlorobenzidine	21.77	252	126575	40.51	ng		99
82) Chrysene	21.93	228	320027	40.43	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	266891	40.42	ng		99
84) Di-n-octyl phthalate	23.01	149	442025	40.79	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	382826	42.05	ng	#	89
87) Benzo(b)fluoranthene	24.18	252	333518	40.70	ng		99
88) Benzo(k)fluoranthene	24.25	252	325637	40.56	ng		99
89) Benzo(a)pyrene	25.09	252	316893	40.59	ng		100
90) Dibenzo(a,h)anthracene	29.18	278	308769	40.67	ng		98
91) Benzo(g,h,i)perylene	30.33	276	308416	40.93	ng		97

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

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