Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
Data File : BG021024.D
Acq On : 22 Feb 2016 20:22
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Feb 22 23:41:56 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	8.23	152	8995	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	50964	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	36525	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	80919	20.00	ng	0.00
75) Chrysene-d12	21.86	240	47599	20.00	ng	0.00
86) Perylene-d12	25.20	264	45753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	78231	149.00	ng	-0.02
7) Phenol-d6	7.47	99	119157	155.60	ng	-0.02
23) Nitrobenzene-d5	9.43	82	111504	146.37	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	87799	230.74	ng	0.00
44) 2-Fluorobiphenyl	13.47	172	405424	156.36	ng	0.00
78) Terphenyl-d14	20.16	244	438295	207.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	11145	59.34	ng	95
3) Pyridine	4.16	79	37112	67.06	ng	99
4) n-Nitrosodimethylamine	3.99	42	10458	71.43	ng	99
6) Aniline	7.59	93	58890	64.14	ng	98
8) 2-Chlorophenol	7.83	128	51066	77.49	ng	96
9) Benzaldehyde	7.40	77	18129	48.15	ng	97
10) Phenol	7.50	94	62528	77.11	ng	98
11) bis(2-Chloroethyl)ether	7.66	93	46817	72.40	ng	97
12) 1,3-Dichlorobenzene	8.12	146	56782	80.92	ng	99
13) 1,4-Dichlorobenzene	8.26	146	60104	84.26	ng	100
14) 1,2-Dichlorobenzene	8.59	146	56157	81.23	ng	99
15) Benzyl Alcohol	8.53	79	39950	82.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.77	45	51977	76.44	ng	98
17) 2-Methylphenol	8.73	107	45979	78.35	ng	98
18) Hexachloroethane	9.31	117	18887	77.63	ng	97
19) n-Nitroso-di-n-propylamine	9.09	70	38551	77.88	ng	95
20) 3+4-Methylphenols	9.07	107	66047	80.71	ng	93
22) Acetophenone	9.10	105	86753	71.84	ng	97
24) Nitrobenzene	9.47	77	58022	72.85	ng	98
25) Isophorone	10.05	82	120617	75.03	ng	98
26) 2-Nitrophenol	10.18	139	36817	86.56	ng	94
27) 2,4-Dimethylphenol	10.26	122	60415	75.82	ng	96
28) bis(2-Chloroethoxy)methane	10.47	93	69829	70.71	ng	97
29) 2,4-Dichlorophenol	10.74	162	61904	84.73	ng	97
30) 1,2,4-Trichlorobenzene	10.91	180	64349	86.67	ng	98
31) Naphthalene	11.11	128	209531	79.69	ng	99
32) Benzoic acid	10.54	122	58329	89.24	ng	93
33) 4-Chloroaniline	11.25	127	81729	73.74	ng	99
34) Hexachlorobutadiene	11.37	225	35063	91.59	ng	99
35) Caprolactam	12.27	113	23308	82.63	ng	94
36) 4-Chloro-3-methylphenol	12.39	107	66138	79.99	ng	97
37) 2-Methylnaphthalene	12.69	142	158188	85.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	85398	79.74	ng	98
40) Hexachlorocyclopentadiene	13.02	237	48406	98.61	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	60704	84.25	ng		99
43) 2,4,5-Trichlorophenol	13.40	196	63426	83.63	ng		98
45) 1,1'-Biphenyl	13.69	154	241255	75.58	ng		99
46) 2-Chloronaphthalene	13.73	162	171444	74.95	ng		98
47) 2-Nitroaniline	13.97	65	38552	71.25	ng		97
48) Acenaphthylene	14.57	152	316552	79.03	ng		99
49) Dimethylphthalate	14.33	163	236937	82.47	ng		100
50) 2,6-Dinitrotoluene	14.44	165	52905	85.87	ng		98
51) Acenaphthene	14.91	154	183861	76.35	ng		99
52) 3-Nitroaniline	14.80	138	56065	79.60	ng		97
53) 2,4-Dinitrophenol	14.98	184	33021	138.06	ng		98
54) Dibenzofuran	15.24	168	270620	83.51	ng		100
55) 4-Nitrophenol	15.15	139	47567	87.41	ng		94
56) 2,4-Dinitrotoluene	15.22	165	74522	92.38	ng	#	99
57) Fluorene	15.89	166	248185	83.31	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.48	232	57734	97.24	ng		98
59) Diethylphthalate	15.67	149	244448	82.39	ng		99
60) 4-Chlorophenyl-phenylether	15.87	204	120846	89.92	ng		99
61) 4-Nitroaniline	15.96	138	55760	78.59	ng		97
62) Azobenzene	16.16	77	159666	70.40	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	46063	112.93	ng		94
65) n-Nitrosodiphenylamine	16.10	169	202478	77.90	ng		99
66) 4-Bromophenyl-phenylether	16.76	248	78080	90.38	ng		96
67) Hexachlorobenzene	16.87	284	87381	93.82	ng		98
68) Atrazine	17.07	200	57743	73.10	ng		99
69) Pentachlorophenol	17.25	266	53136	98.03	ng		99
70) Phenanthrene	17.63	178	358935	78.22	ng		98
71) Anthracene	17.72	178	357568	77.10	ng		98
72) Carbazole	18.00	167	306504	74.14	ng		100
73) Di-n-butylphthalate	18.53	149	352422	67.58	ng		99
74) Fluoranthene	19.62	202	318187	66.36	ng		99
76) Benzidine	19.81	184	99938	66.11	ng		98
77) Pyrene	19.98	202	296677	92.14	ng		98
79) Butylbenzylphthalate	20.85	149	106987	72.61	ng		98
80) Benzo(a)anthracene	21.83	228	227029	79.97	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	85049	80.55	ng		98
82) Chrysene	21.91	228	214403	80.42	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	141188	65.26	ng		100
84) Di-n-octyl phthalate	22.95	149	225956	63.79	ng		100
85) Indeno(1,2,3-cd)pyrene	29.03	276	254499	82.43	ng	#	94
87) Benzo(b)fluoranthene	24.14	252	217270	78.08	ng		98
88) Benzo(k)fluoranthene	24.21	252	212266	77.43	ng		98
89) Benzo(a)pyrene	25.05	252	209613	78.67	ng		99
90) Dibenzo(a,h)anthracene	29.10	278	216419	82.81	ng		99
91) Benzo(g,h,i)perylene	30.25	276	210782	81.59	ng		98

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

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