Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023033.D
Acq On : 12 Jul 2016 12:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 12 15:44:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112402	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	560091	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	431505	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	969645	20.00	ng		0.00
75) Chrysene-d12	21.88	240	1074433	20.00	ng		0.03
86) Perylene-d12	25.26	264	1099460	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	554028	80.61	ng		0.00
7) Phenol-d6	7.30	99	921575	85.62	ng		0.00
23) Nitrobenzene-d5	9.33	82	1029201	78.68	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	498442	64.27	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2090344	76.30	ng		0.00
78) Terphenyl-d14	20.17	244	2790023	80.84	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	106621	39.91	ng		95
3) Pyridine	3.97	79	368436	40.30	ng		95
4) n-Nitrosodimethylamine	3.89	42	161965	41.30	ng	#	86
6) Aniline	7.47	93	591140	39.63	ng		96
8) 2-Chlorophenol	7.71	128	309303	42.29	ng		96
9) Benzaldehyde	7.28	77	294816	40.99	ng		94
10) Phenol	7.33	94	468843	42.33	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	342405	39.01	ng		90
12) 1,3-Dichlorobenzene	8.04	146	357301	39.91	ng		98
13) 1,4-Dichlorobenzene	8.19	146	367123	40.96	ng		95
14) 1,2-Dichlorobenzene	8.51	146	360628	40.47	ng		94
15) Benzyl Alcohol	8.39	79	414500	42.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	441618	41.19	ng		98
17) 2-Methylphenol	8.59	107	309598	42.94	ng		95
18) Hexachloroethane	9.24	117	159739	42.22	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	396346	40.85	ng		96
20) 3+4-Methylphenols	8.93	107	436396	43.40	ng		96
22) Acetophenone	8.98	105	631136	37.55	ng	#	94
24) Nitrobenzene	9.37	77	541987	38.99	ng		95
25) Isophorone	9.89	82	967264	36.77	ng		96
26) 2-Nitrophenol	10.08	139	217355	39.85	ng		92
27) 2,4-Dimethylphenol	10.14	122	352563	37.40	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	553001	37.69	ng		99
29) 2,4-Dichlorophenol	10.62	162	399962	39.78	ng		100
30) 1,2,4-Trichlorobenzene	10.84	180	454432	39.44	ng		98
31) Naphthalene	11.04	128	1133424	39.75	ng		99
32) Benzoic acid	10.29	122	316479	36.90	ng		88
33) 4-Chloroaniline	11.14	127	535283	38.39	ng		98
34) Hexachlorobutadiene	11.31	225	347807	37.24	ng		96
35) Caprolactam	11.92	113	132129	31.94	ng	#	86
36) 4-Chloro-3-methylphenol	12.26	107	519743	37.79	ng		95
37) 2-Methylnaphthalene	12.63	142	886181	39.33	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	703120	37.81	ng		96
40) Hexachlorocyclopentadiene	12.97	237	460196	42.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	395051	36.96	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	405958	36.99	ng		92
45) 1,1'-Biphenyl	13.63	154	1281407	39.58	ng		96
46) 2-Chloronaphthalene	13.68	162	1030956	39.25	ng		97
47) 2-Nitroaniline	13.89	65	439827	39.25	ng		97
48) Acenaphthylene	14.53	152	1517269	38.51	ng		99
49) Dimethylphthalate	14.25	163	1249044	35.44	ng		97
50) 2,6-Dinitrotoluene	14.37	165	291181	36.76	ng		85
51) Acenaphthene	14.87	154	978713	38.02	ng		99
52) 3-Nitroaniline	14.71	138	298473	37.79	ng		91
53) 2,4-Dinitrophenol	14.91	184	252596	46.47	ng		95
54) Dibenzofuran	15.20	168	1423020	36.93	ng		99
55) 4-Nitrophenol	15.02	139	212261	32.06	ng		95
56) 2,4-Dinitrotoluene	15.17	165	411879	35.66	ng		96
57) Fluorene	15.85	166	1212491	36.56	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	375761	34.22	ng		97
59) Diethylphthalate	15.61	149	1277782	35.63	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	723080	35.80	ng		98
61) 4-Nitroaniline	15.88	138	307442	35.97	ng	#	85
62) Azobenzene	16.14	77	1318349	38.43	ng		95
64) 4,6-Dinitro-2-methylphenol	15.93	198	254102	35.26	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1135595	40.65	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	474225	37.59	ng		100
67) Hexachlorobenzene	16.86	284	522922	38.12	ng		99
68) Atrazine	17.01	200	473018	38.17	ng		97
69) Pentachlorophenol	17.21	266	308379	34.72	ng		97
70) Phenanthrene	17.61	178	1883602	39.64	ng		98
71) Anthracene	17.70	178	1917262	39.84	ng		99
72) Carbazole	17.97	167	1655791	39.82	ng		99
73) Di-n-butylphthalate	18.51	149	1936070	41.87	ng		100
74) Fluoranthene	19.61	202	2212651	37.94	ng		98
76) Benzidine	19.79	184	807739	26.22	ng		97
77) Pyrene	19.98	202	2284626	37.84	ng		99
79) Butylbenzylphthalate	20.85	149	985424	41.21	ng		95
80) Benzo(a)anthracene	21.85	228	2359458	39.25	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	1011610	38.34	ng	#	96
82) Chrysene	21.92	228	2223642	39.43	ng		96
83) Bis(2-ethylhexyl)phthalate	21.74	149	1360610	40.97	ng		99
84) Di-n-octyl phthalate	23.00	149	2272900	41.04	ng		99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2671596	37.16	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2499356	39.40	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	2428156	40.34	ng	#	97
89) Benzo(a)pyrene	25.10	252	2406303	39.57	ng	#	98
90) Dibenzo(a,h)anthracene	29.21	278	2309173	38.26	ng	#	94
91) Benzo(g,h,i)perylene	30.35	276	2254015	37.29	ng	#	94

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

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