Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023420.D
Acq On : 3 Aug 2016 10:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/4/2016 6:09:26 PM

Quant Time: Aug 04 03:08:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	125963	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	589468	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	428264	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1080617	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1085509	20.00	ng		0.00
86) Perylene-d12	25.24	264	1037949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	612469	81.85	ng		0.00
7) Phenol-d6	7.28	99	941861	80.81	ng		0.00
23) Nitrobenzene-d5	9.30	82	932985	78.69	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	522824	83.46	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1942508	76.50	ng		0.00
78) Terphenyl-d14	20.16	244	2739145	77.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	121118	37.99	ng	#	92
3) Pyridine	3.93	79	381633	36.42	ng		94
4) n-Nitrosodimethylamine	3.85	42	155846	40.12	ng	#	79
6) Aniline	7.44	93	561568	33.35	ng		94
8) 2-Chlorophenol	7.68	128	330657	38.46	ng		93
9) Benzaldehyde	7.25	77	281015	43.28	ng		94
10) Phenol	7.30	94	473988	38.01	ng	#	80
11) bis(2-Chloroethyl)ether	7.53	93	380999	38.31	ng		91
12) 1,3-Dichlorobenzene	8.01	146	371037	37.70	ng		93
13) 1,4-Dichlorobenzene	8.15	146	386937	38.40	ng		94
14) 1,2-Dichlorobenzene	8.48	146	362808	36.71	ng		91
15) Benzyl Alcohol	8.36	79	358855	40.63	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	545224	37.27	ng		90
17) 2-Methylphenol	8.57	107	322229	38.55	ng	#	84
18) Hexachloroethane	9.21	117	143183	37.75	ng		92
19) n-Nitroso-di-n-propylamine	8.93	70	372409	37.15	ng		94
20) 3+4-Methylphenols	8.89	107	457384	38.81	ng		90
22) Acetophenone	8.95	105	619479	38.38	ng	#	90
24) Nitrobenzene	9.34	77	538334	41.00	ng	#	90
25) Isophorone	9.86	82	1016285	41.15	ng	#	95
26) 2-Nitrophenol	10.06	139	225107	40.62	ng	#	81
27) 2,4-Dimethylphenol	10.11	122	370014	39.21	ng		88
28) bis(2-Chloroethoxy)methane	10.35	93	524459	35.33	ng		99
29) 2,4-Dichlorophenol	10.60	162	381740	40.23	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	390882	38.20	ng		95
31) Naphthalene	11.00	128	1130664	37.67	ng		99
32) Benzoic acid	10.26	122	304633	36.80	ng		88
33) 4-Chloroaniline	11.11	127	491524	34.25	ng	#	90
34) Hexachlorobutadiene	11.28	225	266094	39.54	ng		95
35) Caprolactam	11.90	113	160951	40.32	ng		92
36) 4-Chloro-3-methylphenol	12.24	107	495827	39.78	ng		96
37) 2-Methylnaphthalene	12.61	142	858818m	37.63	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	583516	37.57	ng		98
40) Hexachlorocyclopentadiene	12.95	237	290658	37.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	364502	39.40	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	379826	39.88	ng		93
45) 1,1'-Biphenyl	13.61	154	1230082	37.57	ng		97
46) 2-Chloronaphthalene	13.66	162	948612	37.46	ng		95
47) 2-Nitroaniline	13.86	65	399531	37.99	ng		90
48) Acenaphthylene	14.50	152	1541537	38.50	ng		98
49) Dimethylphthalate	14.23	163	1357758	41.32	ng		99
50) 2,6-Dinitrotoluene	14.36	165	306143	39.34	ng	#	82
51) Acenaphthene	14.85	154	967601	38.15	ng		97
52) 3-Nitroaniline	14.69	138	336112	38.31	ng		83
53) 2,4-Dinitrophenol	14.90	184	209465	41.99	ng		87
54) Dibenzofuran	15.18	168	1414715	38.42	ng		97
55) 4-Nitrophenol	15.01	139	249393	36.19	ng	#	81
56) 2,4-Dinitrotoluene	15.15	165	459524	42.08	ng		92
57) Fluorene	15.84	166	1271730	39.58	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.41	232	357302m	40.88	ng		
59) Diethylphthalate	15.59	149	1383406	41.48	ng		96
60) 4-Chlorophenyl-phenylether	15.82	204	668414	39.31	ng		99
61) 4-Nitroaniline	15.87	138	356602	38.17	ng	#	64
62) Azobenzene	16.11	77	1336095	39.52	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	311635	42.42	ng		94
65) n-Nitrosodiphenylamine	16.04	169	1164755	36.75	ng		96
66) 4-Bromophenyl-phenylether	16.72	248	478312	37.98	ng		97
67) Hexachlorobenzene	16.84	284	517178	37.53	ng		96
68) Atrazine	16.99	200	488829	40.16	ng		95
69) Pentachlorophenol	17.19	266	328621	40.91	ng		95
70) Phenanthrene	17.59	178	2058244	37.54	ng		96
71) Anthracene	17.68	178	2100376	38.08	ng		98
72) Carbazole	17.95	167	1925750	39.76	ng		98
73) Di-n-butylphthalate	18.49	149	2230081	45.49	ng		98
74) Fluoranthene	19.60	202	2388872	46.65	ng		95
76) Benzidine	19.78	184	1016318	33.68	ng		100
77) Pyrene	19.96	202	2433088	38.26	ng		97
79) Butylbenzylphthalate	20.84	149	1032037	39.48	ng		97
80) Benzo(a)anthracene	21.84	228	2244708	37.46	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	905312	36.84	ng	#	94
82) Chrysene	21.91	228	2134396	37.44	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1390956	38.86	ng		99
84) Di-n-octyl phthalate	22.99	149	2247262	36.79	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2566950	36.03	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2243248	38.41	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	2167400	38.64	ng	#	95
89) Benzo(a)pyrene	25.08	252	2147975	38.67	ng	#	96
90) Dibenzo(a,h)anthracene	29.18	278	2160512	38.08	ng	#	93
91) Benzo(g,h,i)perylene	30.32	276	2128388	37.25	ng	#	93

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

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