Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
Data File : BG023937.D
Acq On : 1 Sep 2016 17:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 02 01:14:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28005	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	143210	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	115574	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	314967	20.00	ng		0.00
75) Chrysene-d12	21.84	240	335665	20.00	ng		0.00
86) Perylene-d12	25.21	264	327420	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	121742	76.32	ng		0.00
7) Phenol-d6	7.26	99	193923	78.98	ng		0.00
23) Nitrobenzene-d5	9.27	82	254528	79.35	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	163014	78.29	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	632088	78.41	ng		0.00
78) Terphenyl-d14	20.13	244	1224234	83.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19240	29.25	ng		87
3) Pyridine	3.91	79	70935	35.88	ng		91
4) n-Nitrosodimethylamine	3.81	42	51739	49.65	ng	#	60
6) Aniline	7.41	93	128889	39.55	ng		95
8) 2-Chlorophenol	7.66	128	74287	40.20	ng		95
9) Benzaldehyde	7.23	77	70812	40.59	ng		90
10) Phenol	7.29	94	97287	37.66	ng		87
11) bis(2-Chloroethyl)ether	7.50	93	69799	34.34	ng		88
12) 1,3-Dichlorobenzene	7.97	146	83566	38.64	ng		91
13) 1,4-Dichlorobenzene	8.12	146	84966	37.08	ng		94
14) 1,2-Dichlorobenzene	8.44	146	79943	37.17	ng	#	93
15) Benzyl Alcohol	8.34	79	91776	42.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	105951	38.89	ng		93
17) 2-Methylphenol	8.55	107	69148	39.73	ng	#	92
18) Hexachloroethane	9.17	117	36416	41.27	ng		92
19) n-Nitroso-di-n-propylamine	8.90	70	86764	40.00	ng		89
20) 3+4-Methylphenols	8.88	107	99917	41.20	ng		90
22) Acetophenone	8.92	105	142735	38.50	ng	#	97
24) Nitrobenzene	9.31	77	135088	39.16	ng		97
25) Isophorone	9.84	82	239670	38.53	ng		96
26) 2-Nitrophenol	10.03	139	52610	40.12	ng		91
27) 2,4-Dimethylphenol	10.09	122	90335	40.53	ng		86
28) bis(2-Chloroethoxy)methane	10.32	93	114384	36.42	ng		99
29) 2,4-Dichlorophenol	10.58	162	97318	41.21	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	99932	38.59	ng		97
31) Naphthalene	10.97	128	286230	38.79	ng		96
32) Benzoic acid	10.28	122	71613	39.57	ng		96
33) 4-Chloroaniline	11.09	127	126584	41.08	ng		97
34) Hexachlorobutadiene	11.24	225	78700	40.46	ng		93
35) Caprolactam	11.90	113	34712	41.71	ng		95
36) 4-Chloro-3-methylphenol	12.23	107	130421	41.34	ng		97
37) 2-Methylnaphthalene	12.58	142	233814	41.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	152041	39.63	ng		99
40) Hexachlorocyclopentadiene	12.91	237	74833	36.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	101381	39.60	ng		94
43) 2,4,5-Trichlorophenol	13.28	196	100035	38.66	ng		96
45) 1,1'-Biphenyl	13.58	154	359780	38.70	ng		98
46) 2-Chloronaphthalene	13.64	162	261394	38.30	ng		97
47) 2-Nitroaniline	13.85	65	115514	42.97	ng		94
48) Acenaphthylene	14.48	152	448158	39.40	ng		99
49) Dimethylphthalate	14.21	163	379005	38.24	ng		98
50) 2,6-Dinitrotoluene	14.34	165	81687	39.05	ng		96
51) Acenaphthene	14.82	154	277252	39.42	ng		98
52) 3-Nitroaniline	14.68	138	82894	42.36	ng	#	76
53) 2,4-Dinitrophenol	14.90	184	54967	39.52	ng	#	85
54) Dibenzofuran	15.16	168	428520	39.04	ng		97
55) 4-Nitrophenol	15.02	139	56738	36.44	ng	#	77
56) 2,4-Dinitrotoluene	15.13	165	123680	40.22	ng	#	83
57) Fluorene	15.81	166	381653	40.09	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	109661	41.75	ng		95
59) Diethylphthalate	15.57	149	416629	39.38	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	212454	41.46	ng		98
61) 4-Nitroaniline	15.86	138	81754	41.33	ng	#	81
62) Azobenzene	16.09	77	424961	41.47	ng		98
64) 4,6-Dinitro-2-methylphenol	15.91	198	90249	41.27	ng		85
65) n-Nitrosodiphenylamine	16.01	169	359264	40.16	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	149337	38.97	ng		94
67) Hexachlorobenzene	16.82	284	170567	37.95	ng		99
68) Atrazine	16.97	200	159345	41.40	ng		100
69) Pentachlorophenol	17.18	266	93555	39.19	ng		93
70) Phenanthrene	17.57	178	658670	40.20	ng		97
71) Anthracene	17.66	178	673682	40.31	ng		97
72) Carbazole	17.94	167	598714	39.48	ng		96
73) Di-n-butylphthalate	18.47	149	720496	39.82	ng		99
74) Fluoranthene	19.58	202	795620	40.33	ng		93
76) Benzidine	19.76	184	459519	44.21	ng		96
77) Pyrene	19.94	202	819097	39.68	ng		92
79) Butylbenzylphthalate	20.81	149	317744	39.93	ng		95
80) Benzo(a)anthracene	21.82	228	775563m	41.28	ng		
81) 3,3'-Dichlorobenzidine	21.73	252	318657	42.43	ng		99
82) Chrysene	21.88	228	741745	41.47	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	432958	39.74	ng		94
84) Di-n-octyl phthalate	22.95	149	729717	40.83	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	828700	41.85	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	781556	42.02	ng		98
88) Benzo(k)fluoranthene	24.20	252	754182m	40.89	ng		
89) Benzo(a)pyrene	25.04	252	733566	41.53	ng		97
90) Dibenzo(a,h)anthracene	29.14	278	697125	40.13	ng		98
91) Benzo(g,h,i)perylene	30.30	276	694024m	41.55	ng		

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

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