Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
Data File : BG019834.D
Acq On : 2 Dec 2015 14:45
Operator : UM/NP
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Quant Time: Dec 02 17:06:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:44:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	16399	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	71017	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	52041	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	142116	20.00	ng		0.00
75) Chrysene-d12	21.79	240	183769	20.00	ng		0.00
86) Perylene-d12	25.10	264	161935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	17137	18.05	ng		0.00
7) Phenol-d6	7.27	99	26085	19.16	ng		0.00
23) Nitrobenzene-d5	9.30	82	25821	20.35	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	16352	23.34	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	76724	20.47	ng		0.00
78) Terphenyl-d14	20.11	244	155353	22.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	3633	9.16	ng	#	100
3) Pyridine	3.96	79	10221	8.31	ng		93
4) n-Nitrosodimethylamine	3.86	42	5620	13.12	ng	#	52
6) Aniline	7.45	93	16711	8.91	ng	#	86
8) 2-Chlorophenol	7.69	128	11060	10.09	ng		96
9) Benzaldehyde	7.26	77	8634	11.78	ng		91
10) Phenol	7.30	94	13210	9.19	ng		77
11) bis(2-Chloroethyl)ether	7.55	93	10587	9.50	ng		97
12) 1,3-Dichlorobenzene	8.02	146	12557	9.85	ng	#	88
13) 1,4-Dichlorobenzene	8.17	146	13032	10.19	ng	#	95
14) 1,2-Dichlorobenzene	8.49	146	12014	9.84	ng		93
15) Benzyl Alcohol	8.36	79	11024	11.24	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	16214	12.81	ng		92
17) 2-Methylphenol	8.56	107	9724	9.73	ng	#	83
18) Hexachloroethane	9.23	117	4844	10.59	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	10275	10.72	ng	#	75
20) 3+4-Methylphenols	8.89	107	13250	9.44	ng		91
22) Acetophenone	8.96	105	18759	10.43	ng	#	87
24) Nitrobenzene	9.34	77	14550	10.80	ng	#	85
25) Isophorone	9.87	82	29049	10.64	ng	#	93
26) 2-Nitrophenol	10.05	139	5422	8.62	ng	#	62
27) 2,4-Dimethylphenol	10.11	122	12558	11.00	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	14446	9.22	ng		98
29) 2,4-Dichlorophenol	10.59	162	12033	10.43	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	13920	10.89	ng		100
31) Naphthalene	11.00	128	38176	10.04	ng	#	95
32) Benzoic acid	10.16	122	5367	6.38	ng		87
33) 4-Chloroaniline	11.11	127	16661	9.68	ng	#	89
34) Hexachlorobutadiene	11.29	225	10452	13.87	ng		98
35) Caprolactam	11.86	113	4526	9.12	ng		91
36) 4-Chloro-3-methylphenol	12.21	107	14747	11.46	ng	#	91
37) 2-Methylnaphthalene	12.60	142	27472	9.87	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	20314	12.31	ng		98
40) Hexachlorocyclopentadiene	12.94	237	10449	12.61	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	12782	11.18	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	13855	11.05	ng		96
45) 1,1'-Biphenyl	13.60	154	43432	10.49	ng		98
46) 2-Chloronaphthalene	13.64	162	33120	10.39	ng		94
47) 2-Nitroaniline	13.84	65	9170	9.56	ng		86
48) Acenaphthylene	14.48	152	56362	10.00	ng		99
49) Dimethylphthalate	14.21	163	45842	10.64	ng		99
50) 2,6-Dinitrotoluene	14.33	165	7905	8.44	ng	#	70
51) Acenaphthene	14.83	154	33330	10.16	ng		95
52) 3-Nitroaniline	14.65	138	8269	7.39	ng	#	88
53) 2,4-Dinitrophenol	14.86	184	2017	5.12	ng		92
54) Dibenzofuran	15.16	168	51361	10.08	ng		94
55) 4-Nitrophenol	14.94	139	6527	7.56	ng	#	58
56) 2,4-Dinitrotoluene	15.11	165	10498	7.91	ng	#	79
57) Fluorene	15.81	166	45735	10.42	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	12426	10.57	ng	#	96
59) Diethylphthalate	15.57	149	52240	11.62	ng		95
60) 4-Chlorophenyl-phenylether	15.80	204	26239	12.45	ng		97
61) 4-Nitroaniline	15.81	138	9570	7.93	ng	#	68
62) Azobenzene	16.09	77	40868	10.29	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	5182	7.30	ng		93
65) n-Nitrosodiphenylamine	16.01	169	41241	10.02	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	17641	12.21	ng		90
67) Hexachlorobenzene	16.81	284	18293	11.65	ng		93
68) Atrazine	16.96	200	18442	11.27	ng		92
69) Pentachlorophenol	17.15	266	9419	9.73	ng		92
70) Phenanthrene	17.55	178	82573	11.05	ng		97
71) Anthracene	17.64	178	84161	11.12	ng		95
72) Carbazole	17.90	167	75401	10.29	ng		97
73) Di-n-butylphthalate	18.47	149	89107	10.31	ng		98
74) Fluoranthene	19.55	202	107590	11.62	ng		91
76) Benzidine	19.73	184	58862	10.67	ng	#	95
77) Pyrene	19.91	202	109255	9.67	ng		95
79) Butylbenzylphthalate	20.81	149	39846	8.68	ng		95
80) Benzo(a)anthracene	21.77	228	114960	10.87	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	42015	10.45	ng	#	93
82) Chrysene	21.84	228	109623	11.00	ng		95
83) Bis(2-ethylhexyl)phthalate	21.69	149	60545	9.14	ng		96
84) Di-n-octyl phthalate	22.94	149	96225	8.59	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	115117	9.10	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	103243	10.99	ng	#	92
88) Benzo(k)fluoranthene	24.11	252	101489	10.79	ng	#	94
89) Benzo(a)pyrene	24.94	252	97141	10.87	ng	#	95
90) Dibenzo(a,h)anthracene	28.94	278	96731	10.99	ng	#	90
91) Benzo(g,h,i)perylene	30.04	276	93516	10.44	ng	#	87

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

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