Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020009.D
Acq On : 8 Dec 2015 9:16
Operator : UM/SJ
Sample : SP3516
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP3516

Quant Time: Dec 09 07:08:41 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 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	19728	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	85836	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	56606	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	138177m	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	167797	20.00	ng		-0.02
86) Perylene-d12	25.06	264	156208	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	7.27	99	311979	189.30	ng		0.00
23) Nitrobenzene-d5	9.29	82	305624	181.71	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	13.26	172	468	0.11	ng		-0.13
78) Terphenyl-d14	20.22	244	435	0.06	ng		0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	30130	70.86	ng	#	100
8) 2-Chlorophenol	7.68	128	241551	181.48	ng		93
9) Benzaldehyde	7.25	77	171316	155.88	ng		93
10) Phenol	7.30	94	330929	190.79	ng		79
11) bis(2-Chloroethyl)ether	7.54	93	226074	175.99	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	334078	159.46	ng		95
17) 2-Methylphenol	8.56	107	228441	186.56	ng	#	91
18) Hexachloroethane	9.20	117	98058	168.07	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	212003	163.11	ng		91
20) 3+4-Methylphenols	8.90	107	312182	181.05	ng		91
22) Acetophenone	8.95	105	392439	166.79	ng	#	90
24) Nitrobenzene	9.34	77	317358	173.95	ng		91
25) Isophorone	9.87	82	577965	160.29	ng	#	98
26) 2-Nitrophenol	10.05	139	147855	209.84	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	248597	169.42	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	315917	179.30	ng		98
29) 2,4-Dichlorophenol	10.58	162	270651	180.56	ng		94
31) Naphthalene	10.99	128	764511	166.26	ng		98
33) 4-Chloroaniline	11.10	127	269907	133.20	ng	#	91
34) Hexachlorobutadiene	11.27	225	201694	161.41	ng		99
35) Caprolactam	11.92	113	62401	111.83	ng	#	76
36) 4-Chloro-3-methylphenol	12.22	107	301079	161.28	ng		96
37) 2-Methylnaphthalene	12.59	142	565078	167.69	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	384140	178.83	ng		99
40) Hexachlorocyclopentadiene	12.93	237	239277	195.35	ng		99
42) 2,4,6-Trichlorophenol	13.19	196	247745	174.20	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	267935	178.25	ng		95
45) 1,1'-Biphenyl	13.59	154	743451	160.04	ng		97
46) 2-Chloronaphthalene	13.63	162	602201	168.18	ng		95
47) 2-Nitroaniline	13.84	65	216691	191.60	ng		90
48) Acenaphthylene	14.48	152	940993	154.28	ng		96
49) Dimethylphthalate	14.20	163	775518	152.30	ng		99
50) 2,6-Dinitrotoluene	14.33	165	175557	183.38	ng	#	80
51) Acenaphthene	14.82	154	582906	157.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
52) 3-Nitroaniline	14.66	138	155867	156.71 ng		95
53) 2,4-Dinitrophenol	14.86	184	99469	181.90 ng	#	88
54) Dibenzofuran	15.15	168	925021	168.01 ng	#	89
55) 4-Nitrophenol	14.97	139	154755	178.66 ng	#	63
56) 2,4-Dinitrotoluene	15.11	165	253002	189.42 ng	#	90
57) Fluorene	15.80	166	746368	151.45 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	259220	186.34 ng		97
59) Diethylphthalate	15.57	149	795023	144.27 ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	433603	153.25 ng		99
61) 4-Nitroaniline	15.84	138	169843	151.83 ng	#	69
64) 4,6-Dinitro-2-methylphenol	15.88	198	162035	188.29 ng		88
65) n-Nitrosodiphenylamine	16.00	169	669880	167.53 ng		98
66) 4-Bromophenyl-phenylether	16.68	248	294866	171.73 ng		97
67) Hexachlorobenzene	16.80	284	310217	173.44 ng		99
68) Atrazine	16.95	200	289603	166.70 ng		95
69) Pentachlorophenol	17.14	266	202689	194.16 ng		95
70) Phenanthrene	17.54	178	1218544m	155.87 ng		
71) Anthracene	17.64	178	1209393	151.88 ng		98
72) Carbazole	17.89	167	1100262	156.84 ng		98
73) Di-n-butylphthalate	18.44	149	1255713	146.04 ng	#	97
74) Fluoranthene	19.54	202	1475182	147.53 ng		95
77) Pyrene	19.90	202	1434020	145.27 ng		95
79) Butylbenzylphthalate	20.77	149	639077	165.17 ng		96
80) Benzo(a)anthracene	21.75	228	1568909	152.75 ng		94
81) 3,3'-Dichlorobenzidine	21.66	252	491543	125.66 ng		99
82) Chrysene	21.82	228	1457151	149.42 ng		96
83) Bis(2-ethylhexyl)phthalate	21.64	149	909478	160.17 ng	#	99
84) Di-n-octyl phthalate	22.88	149	1508500	163.40 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1938229	180.42 ng	#	100
87) Benzo(b)fluoranthene	24.02	252	1618343	163.47 ng	#	97
88) Benzo(k)fluoranthene	24.10	252	1541024	157.17 ng	#	97
89) Benzo(a)pyrene	24.93	252	1549311	164.83 ng	#	97
90) Dibenzo(a,h)anthracene	28.93	278	1581894	170.35 ng	#	93
91) Benzo(g,h,i)perylene	30.04	276	1561458	171.25 ng	#	91

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

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