Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010110.D
Acq On : 22 May 2017 19:46
Operator : SJ/MA
Sample : PB99103BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99103BS

Quant Time: May 23 05:30:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	157508	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	539402	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	343615	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	841837	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1308450	20.00	ng		-0.01
86) Perylene-d12	23.87	264	1490252	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1271635	145.79	ng		-0.01
7) Phenol-d6	7.16	99	1553895	138.45	ng		-0.01
23) Nitrobenzene-d5	9.15	82	1017475	101.77	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	816144	156.39	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	2707670	101.30	ng		-0.01
78) Terphenyl-d14	19.94	244	4814073	83.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	156112	38.95	ng	#	100
3) Pyridine	3.85	79	426887	39.79	ng		92
4) n-Nitrosodimethylamine	3.77	42	195125	50.29	ng	#	82
6) Aniline	7.32	93	411564	29.60	ng		96
8) 2-Chlorophenol	7.54	128	416435	43.88	ng		94
9) Benzaldehyde	7.12	77	128525	18.40	ng		89
10) Phenol	7.18	94	534353	45.18	ng		90
11) bis(2-Chloroethyl)ether	7.40	93	360249	40.86	ng		99
12) 1,3-Dichlorobenzene	7.85	146	495005	41.05	ng	#	90
13) 1,4-Dichlorobenzene	8.00	146	513229	41.43	ng		96
14) 1,2-Dichlorobenzene	8.32	146	493679	41.52	ng		95
15) Benzyl Alcohol	8.23	79	413547	48.70	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.49	45	317563	36.64	ng		78
17) 2-Methylphenol	8.42	107	351490	41.76	ng	#	87
18) Hexachloroethane	9.03	117	172433	42.94	ng	#	76
19) n-Nitroso-di-n-propylamine	8.77	70	338641	42.75	ng		90
20) 3+4-Methylphenols	8.76	107	476366	41.91	ng		89
22) Acetophenone	8.80	105	622725	45.04	ng	#	99
24) Nitrobenzene	9.19	77	517054	50.20	ng		95
25) Isophorone	9.70	82	828395	47.95	ng		93
26) 2-Nitrophenol	9.90	139	206828	47.64	ng	#	65
27) 2,4-Dimethylphenol	9.95	122	364931	46.55	ng	#	80
28) bis(2-Chloroethoxy)methane	10.19	93	481729	43.94	ng		99
29) 2,4-Dichlorophenol	10.43	162	452264	50.11	ng		95
30) 1,2,4-Trichlorobenzene	10.62	180	531570	45.52	ng		98
31) Naphthalene	10.82	128	1226520	42.51	ng		100
32) Benzoic acid	10.09	122	229440	42.95	ng	#	80
33) 4-Chloroaniline	10.96	127	136558	12.28	ng	#	85
34) Hexachlorobutadiene	11.07	225	360353	46.26	ng		95
35) Caprolactam	11.77	113	112463	43.43	ng	#	81
36) 4-Chloro-3-methylphenol	12.07	107	442631	45.28	ng		85
37) 2-Methylnaphthalene	12.42	142	939349	45.21	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	619257	46.87	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	899460	117.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	392136	50.38	ng		98
43) 2,4,5-Trichlorophenol	13.11	196	419113	48.74	ng	#	94
45) 1,1'-Biphenyl	13.43	154	1282038	45.37	ng		99
46) 2-Chloronaphthalene	13.48	162	1019779	44.57	ng		96
47) 2-Nitroaniline	13.72	65	282267	47.98	ng		84
48) Acenaphthylene	14.33	152	1574406	46.54	ng		99
49) Dimethylphthalate	14.06	163	1319652	43.05	ng	#	98
50) 2,6-Dinitrotoluene	14.19	165	280880	48.26	ng		87
51) Acenaphthene	14.66	154	957155	45.51	ng		100
52) 3-Nitroaniline	14.54	138	192418	35.57	ng	#	66
53) 2,4-Dinitrophenol	14.73	184	359208	91.87	ng	#	88
54) Dibenzofuran	15.00	168	1616546	48.88	ng		96
55) 4-Nitrophenol	14.85	139	420028	96.48	ng	#	34
56) 2,4-Dinitrotoluene	14.97	165	399743	48.55	ng	#	81
57) Fluorene	15.64	166	1341055	46.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.22	232	401662	54.83	ng	#	100
59) Diethylphthalate	15.41	149	1266046	43.69	ng		96
60) 4-Chlorophenyl-phenylether	15.63	204	745788	46.19	ng		96
61) 4-Nitroaniline	15.71	138	233169	42.46	ng	#	31
62) Azobenzene	15.93	77	1226946	57.58	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	239958	46.66	ng		82
65) n-Nitrosodiphenylamine	15.86	169	1155901	45.81	ng		99
66) 4-Bromophenyl-phenylether	16.53	248	499519	46.35	ng		96
67) Hexachlorobenzene	16.62	284	564359	43.10	ng		97
68) Atrazine	16.80	200	463149	48.42	ng		98
69) Pentachlorophenol	16.98	266	702728	97.72	ng		98
70) Phenanthrene	17.39	178	2169998	46.07	ng		100
71) Anthracene	17.47	178	2227287	47.65	ng		99
72) Carbazole	17.76	167	1948492	47.08	ng		98
73) Di-n-butylphthalate	18.28	149	2092199	42.64	ng	#	98
74) Fluoranthene	19.39	202	2837618	46.40	ng		97
76) Benzidine	19.59	184	1824308	75.59	ng		99
77) Pyrene	19.75	202	2939732	41.91	ng		100
79) Butylbenzylphthalate	20.63	149	1068062	41.13	ng	#	89
80) Benzo(a)anthracene	21.48	228	3403853	47.20	ng		99
81) 3,3'-Dichlorobenzidine	21.43	252	1073459	37.01	ng	#	96
82) Chrysene	21.54	228	3070616	44.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.37	149	1583352	40.77	ng	#	98
84) Di-n-octyl phthalate	22.28	149	3015043	43.37	ng		97
85) Indeno(1,2,3-cd)pyrene	26.30	276	5311999	52.96	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	4184152	47.97	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	3957292	46.31	ng	#	95
89) Benzo(a)pyrene	23.76	252	4011628	48.27	ng	#	97
90) Dibenzo(a,h)anthracene	26.31	278	4552571	48.99	ng	#	92
91) Benzo(g,h,i)perylene	27.05	276	4355478	47.83	ng	#	87

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

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