Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010102.D
Acq On : 22 May 2017 14:59
Operator : SJ/MA
Sample : PB99134BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99134BS

Quant Time: May 23 05:26:05 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	157215	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	555392	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	358529	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	885437	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1367794	20.00	ng		-0.01
86) Perylene-d12	23.87	264	1508859	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1320860	151.72	ng		-0.01
7) Phenol-d6	7.16	99	1614602	144.13	ng		-0.01
23) Nitrobenzene-d5	9.16	82	1040928	101.12	ng		-0.01
41) 2,4,6-Tribromophenol	16.09	330	857742	157.52	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	2822023	101.19	ng		-0.01
78) Terphenyl-d14	19.94	244	5092962	84.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	153272	38.32	ng	#	100
3) Pyridine	3.85	79	426127	39.79	ng		90
4) n-Nitrosodimethylamine	3.77	42	197424	50.97	ng	#	81
6) Aniline	7.32	93	439828	31.69	ng		95
8) 2-Chlorophenol	7.54	128	428432	45.23	ng		93
9) Benzaldehyde	7.13	77	129830	18.62	ng		93
10) Phenol	7.19	94	551901	46.75	ng		84
11) bis(2-Chloroethyl)ether	7.40	93	372682	42.35	ng		98
12) 1,3-Dichlorobenzene	7.85	146	517081	42.96	ng	#	93
13) 1,4-Dichlorobenzene	8.00	146	518959	41.97	ng		96
14) 1,2-Dichlorobenzene	8.32	146	500256	42.15	ng	#	92
15) Benzyl Alcohol	8.23	79	423004	49.91	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.49	45	321370	37.14	ng		79
17) 2-Methylphenol	8.43	107	362880	43.20	ng	#	84
18) Hexachloroethane	9.04	117	177785	44.35	ng	#	71
19) n-Nitroso-di-n-propylamine	8.77	70	349720	44.23	ng		90
20) 3+4-Methylphenols	8.76	107	492478	43.41	ng		88
22) Acetophenone	8.80	105	657314	46.17	ng	#	99
24) Nitrobenzene	9.20	77	525888	49.59	ng		96
25) Isophorone	9.70	82	869894	48.90	ng	#	93
26) 2-Nitrophenol	9.90	139	212897	47.63	ng	#	70
27) 2,4-Dimethylphenol	9.95	122	378986	46.95	ng	#	80
28) bis(2-Chloroethoxy)methane	10.19	93	499485	44.25	ng		99
29) 2,4-Dichlorophenol	10.43	162	462090	49.72	ng		95
30) 1,2,4-Trichlorobenzene	10.62	180	555460	46.20	ng		97
31) Naphthalene	10.83	128	1261470	42.46	ng		99
32) Benzoic acid	10.09	122	254730	46.31	ng		88
33) 4-Chloroaniline	10.97	127	140308	12.26	ng	#	85
34) Hexachlorobutadiene	11.07	225	370260	46.16	ng		96
35) Caprolactam	11.78	113	121478	45.56	ng	#	71
36) 4-Chloro-3-methylphenol	12.07	107	459977	45.70	ng		85
37) 2-Methylnaphthalene	12.42	142	971520	45.42	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	633216	45.93	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	941074	118.22	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	407880	50.23	ng		100
43) 2,4,5-Trichlorophenol	13.11	196	436915	48.69	ng	#	93
45) 1,1'-Biphenyl	13.43	154	1332031	45.18	ng		99
46) 2-Chloronaphthalene	13.48	162	1056743	44.27	ng		97
47) 2-Nitroaniline	13.72	65	289019	47.08	ng		85
48) Acenaphthylene	14.33	152	1653042	46.83	ng		98
49) Dimethylphthalate	14.06	163	1377686	43.08	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	297027	48.91	ng		99
51) Acenaphthene	14.66	154	1004301	45.77	ng		99
52) 3-Nitroaniline	14.55	138	220639	39.09	ng	#	74
53) 2,4-Dinitrophenol	14.73	184	360572	88.62	ng	#	85
54) Dibenzofuran	15.00	168	1711134	49.59	ng		97
55) 4-Nitrophenol	14.86	139	433004	95.33	ng	#	40
56) 2,4-Dinitrotoluene	14.97	165	418277	48.68	ng	#	81
57) Fluorene	15.65	166	1388790	46.28	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.22	232	423050	55.35	ng	#	100
59) Diethylphthalate	15.41	149	1343129	44.42	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	774787	45.99	ng		99
61) 4-Nitroaniline	15.71	138	247632	43.22	ng	#	34
62) Azobenzene	15.93	77	1267471	57.01	ng		90
64) 4,6-Dinitro-2-methylphenol	15.73	198	248077	45.86	ng		76
65) n-Nitrosodiphenylamine	15.86	169	1219314	45.95	ng		100
66) 4-Bromophenyl-phenylether	16.53	248	519729	45.85	ng		93
67) Hexachlorobenzene	16.62	284	594544	43.17	ng		96
68) Atrazine	16.80	200	503424	50.03	ng		99
69) Pentachlorophenol	16.99	266	753545	99.62	ng		99
70) Phenanthrene	17.39	178	2292494	46.28	ng		100
71) Anthracene	17.47	178	2360740	48.02	ng		99
72) Carbazole	17.76	167	2067230	47.49	ng		98
73) Di-n-butylphthalate	18.28	149	2236803	43.34	ng	#	98
74) Fluoranthene	19.39	202	3004440	46.71	ng		98
76) Benzidine	19.59	184	1897429	75.21	ng		99
77) Pyrene	19.75	202	3129345	42.67	ng		100
79) Butylbenzylphthalate	20.63	149	1138829	41.95	ng	#	87
80) Benzo(a)anthracene	21.49	228	3538516	46.94	ng		99
81) 3,3'-Dichlorobenzidine	21.43	252	948528	31.28	ng	#	97
82) Chrysene	21.54	228	3213005	44.94	ng		100
83) Bis(2-ethylhexyl)phthalate	21.37	149	1716710	42.29	ng	#	97
84) Di-n-octyl phthalate	22.28	149	3192677	43.93	ng		97
85) Indeno(1,2,3-cd)pyrene	26.30	276	5293343	50.49	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	4227933	47.88	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	4008903	46.34	ng	#	96
89) Benzo(a)pyrene	23.76	252	4045939	48.08	ng	#	97
90) Dibenzo(a,h)anthracene	26.30	278	4495820	47.78	ng	#	92
91) Benzo(g,h,i)perylene	27.05	276	4316875	46.82	ng	#	87

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

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