Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010157.D
Acq On : 24 May 2017 00:47
Operator : SJ/MA
Sample : PB99135BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99135BS

Quant Time: May 24 05:27:01 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	7.95	152	129468	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	440774	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	274576	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	645022	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	955988	20.00	ng		-0.02
86) Perylene-d12	23.86	264	1141091	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1039349	144.97	ng		-0.02
7) Phenol-d6	7.15	99	1267893	137.44	ng		-0.02
23) Nitrobenzene-d5	9.15	82	847751	103.77	ng		-0.02
41) 2,4,6-Tribromophenol	16.08	330	624914	149.85	ng		-0.02
44) 2-Fluorobiphenyl	13.21	172	2185796	102.34	ng		-0.02
78) Terphenyl-d14	19.93	244	3469987	82.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	130712	39.68	ng	#	100
3) Pyridine	3.85	79	347795	39.44	ng		91
4) n-Nitrosodimethylamine	3.76	42	172811	54.18	ng	#	77
6) Aniline	7.31	93	318844	27.89	ng		94
8) 2-Chlorophenol	7.53	128	337488	43.27	ng		92
9) Benzaldehyde	7.12	77	96717	16.84	ng		89
10) Phenol	7.17	94	429993	44.23	ng		88
11) bis(2-Chloroethyl)ether	7.39	93	292960	40.43	ng		97
12) 1,3-Dichlorobenzene	7.84	146	418393	42.21	ng	#	90
13) 1,4-Dichlorobenzene	7.99	146	424498	41.69	ng		96
14) 1,2-Dichlorobenzene	8.31	146	407151	41.66	ng		96
15) Benzyl Alcohol	8.22	79	336225	48.17	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.48	45	252252	35.40	ng		77
17) 2-Methylphenol	8.42	107	275761	39.86	ng	#	85
18) Hexachloroethane	9.03	117	140675	42.62	ng	#	73
19) n-Nitroso-di-n-propylamine	8.76	70	279891	42.98	ng		92
20) 3+4-Methylphenols	8.75	107	376380	40.29	ng		87
22) Acetophenone	8.79	105	513108	45.41	ng	#	99
24) Nitrobenzene	9.19	77	424734	50.46	ng		96
25) Isophorone	9.69	82	670226	47.48	ng	#	94
26) 2-Nitrophenol	9.89	139	166861	47.03	ng	#	61
27) 2,4-Dimethylphenol	9.94	122	290121	45.29	ng	#	81
28) bis(2-Chloroethoxy)methane	10.17	93	382272	42.67	ng		100
29) 2,4-Dichlorophenol	10.42	162	356778	48.37	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	439738	46.08	ng		99
31) Naphthalene	10.82	128	975232	41.36	ng		99
32) Benzoic acid	10.07	122	188597	43.20	ng	#	84
33) 4-Chloroaniline	10.96	127	97692	10.75	ng	#	86
34) Hexachlorobutadiene	11.06	225	304198	47.79	ng		97
35) Caprolactam	11.76	113	83602	39.50	ng	#	83
36) 4-Chloro-3-methylphenol	12.06	107	350188	43.84	ng	#	82
37) 2-Methylnaphthalene	12.42	142	757233	44.60	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	505521	47.88	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	733065	120.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	314511	50.57	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	337338	49.09	ng	#	92
45) 1,1'-Biphenyl	13.42	154	1032281	45.72	ng		100
46) 2-Chloronaphthalene	13.47	162	818262	44.76	ng		96
47) 2-Nitroaniline	13.70	65	222139	47.25	ng	#	81
48) Acenaphthylene	14.32	152	1227420	45.41	ng		100
49) Dimethylphthalate	14.05	163	1029501	42.03	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	211995	45.58	ng		87
51) Acenaphthene	14.65	154	745701	44.37	ng		98
52) 3-Nitroaniline	14.53	138	132248	30.59	ng	#	66
53) 2,4-Dinitrophenol	14.72	184	273892	87.95	ng	#	87
54) Dibenzofuran	14.99	168	1278803	48.39	ng		97
55) 4-Nitrophenol	14.84	139	301824	86.76	ng	#	31
56) 2,4-Dinitrotoluene	14.97	165	303570	46.14	ng	#	83
57) Fluorene	15.63	166	1040776	45.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	311134	53.16	ng	#	100
59) Diethylphthalate	15.40	149	973288	42.03	ng		98
60) 4-Chlorophenyl-phenylether	15.62	204	573535	44.45	ng		99
61) 4-Nitroaniline	15.70	138	167765	38.23	ng	#	23
62) Azobenzene	15.92	77	964671	56.65	ng		89
64) 4,6-Dinitro-2-methylphenol	15.72	198	180230	45.74	ng		82
65) n-Nitrosodiphenylamine	15.85	169	886661	45.87	ng		100
66) 4-Bromophenyl-phenylether	16.52	248	382816	46.36	ng	#	93
67) Hexachlorobenzene	16.62	284	424505	42.31	ng		97
68) Atrazine	16.79	200	348743	47.58	ng		99
69) Pentachlorophenol	16.97	266	529889	96.17	ng		96
70) Phenanthrene	17.37	178	1625442	45.04	ng		99
71) Anthracene	17.47	178	1668477	46.59	ng		99
72) Carbazole	17.75	167	1433812	45.22	ng		98
73) Di-n-butylphthalate	18.27	149	1549779	41.22	ng	#	98
74) Fluoranthene	19.38	202	2034602	43.42	ng		98
76) Benzidine	19.59	184	1072525	60.82	ng		98
77) Pyrene	19.74	202	2115910	41.28	ng		99
79) Butylbenzylphthalate	20.62	149	726533	38.29	ng	#	84
80) Benzo(a)anthracene	21.47	228	2393603	45.43	ng		100
81) 3,3'-Dichlorobenzidine	21.42	252	668750	31.56	ng	#	97
82) Chrysene	21.53	228	2156302	43.15	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1078913	38.03	ng	#	97
84) Di-n-octyl phthalate	22.27	149	2005524	39.48	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.27	276	4259643	58.13	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	3030158	45.37	ng	#	92
88) Benzo(k)fluoranthene	23.18	252	2917395	44.59	ng	#	95
89) Benzo(a)pyrene	23.75	252	3000603	47.15	ng	#	97
90) Dibenzo(a,h)anthracene	26.29	278	3571003	50.18	ng	#	92
91) Benzo(g,h,i)perylene	27.03	276	3465233	49.70	ng	#	86

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

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