Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010140.D
Acq On : 23 May 2017 14:05
Operator : SJ/MA
Sample : PB99180BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99180BSD

Quant Time: May 23 18:24:38 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	143806	20.00	ng		-0.02
21) Naphthalene-d8	10.77	136	481486	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	308320	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	761202	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1199914	20.00	ng		-0.02
86) Perylene-d12	23.86	264	1346402	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1045489	131.29	ng		-0.02
7) Phenol-d6	7.15	99	1282649	125.17	ng		-0.02
23) Nitrobenzene-d5	9.15	82	858708	96.22	ng		-0.02
41) 2,4,6-Tribromophenol	16.08	330	672401	143.59	ng		-0.02
44) 2-Fluorobiphenyl	13.21	172	2221504	92.63	ng		-0.02
78) Terphenyl-d14	19.93	244	4013686	76.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	133037	36.36	ng	#	100
3) Pyridine	3.85	79	340628	34.78	ng		92
4) n-Nitrosodimethylamine	3.76	42	169882	47.95	ng	#	71
6) Aniline	7.31	93	417684	32.90	ng		95
8) 2-Chlorophenol	7.53	128	353953	40.85	ng		96
9) Benzaldehyde	7.12	77	98842	15.50	ng		87
10) Phenol	7.17	94	455058	42.14	ng		90
11) bis(2-Chloroethyl)ether	7.39	93	306956	38.13	ng		98
12) 1,3-Dichlorobenzene	7.84	146	421064	38.24	ng	#	91
13) 1,4-Dichlorobenzene	7.99	146	434413	38.41	ng		95
14) 1,2-Dichlorobenzene	8.31	146	418717	38.57	ng		96
15) Benzyl Alcohol	8.22	79	339801	43.83	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.49	45	263946	33.35	ng		77
17) 2-Methylphenol	8.42	107	298679	38.87	ng	#	87
18) Hexachloroethane	9.03	117	148059	40.38	ng	#	74
19) n-Nitroso-di-n-propylamine	8.76	70	294312	40.69	ng		94
20) 3+4-Methylphenols	8.75	107	400791	38.62	ng		89
22) Acetophenone	8.80	105	528129	42.79	ng	#	99
24) Nitrobenzene	9.19	77	441179	47.99	ng		96
25) Isophorone	9.69	82	710451	46.07	ng	#	92
26) 2-Nitrophenol	9.89	139	176954	45.66	ng	#	66
27) 2,4-Dimethylphenol	9.94	122	307550	43.95	ng	#	81
28) bis(2-Chloroethoxy)methane	10.18	93	405365	41.42	ng		98
29) 2,4-Dichlorophenol	10.42	162	379740	47.13	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	451980	43.36	ng		95
31) Naphthalene	10.82	128	1024393	39.77	ng		99
32) Benzoic acid	10.07	122	191655	40.19	ng	#	79
33) 4-Chloroaniline	10.96	127	177943	17.93	ng	#	82
34) Hexachlorobutadiene	11.06	225	312029	44.87	ng		99
35) Caprolactam	11.76	113	96326	41.67	ng	#	82
36) 4-Chloro-3-methylphenol	12.07	107	375094	42.99	ng		85
37) 2-Methylnaphthalene	12.42	142	806700	43.50	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	522861	44.10	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	763450	111.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	336109	48.13	ng		98
43) 2,4,5-Trichlorophenol	13.10	196	357294	46.30	ng	#	92
45) 1,1'-Biphenyl	13.43	154	1090382	43.00	ng		99
46) 2-Chloronaphthalene	13.47	162	873472	42.55	ng		96
47) 2-Nitroaniline	13.71	65	243938	46.21	ng		82
48) Acenaphthylene	14.32	152	1337056	44.05	ng		100
49) Dimethylphthalate	14.06	163	1123197	40.84	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	243699	46.67	ng		88
51) Acenaphthene	14.66	154	809397	42.89	ng		97
52) 3-Nitroaniline	14.53	138	187299	38.59	ng	#	75
53) 2,4-Dinitrophenol	14.72	184	306447	87.66	ng	#	86
54) Dibenzofuran	14.99	168	1390673	46.87	ng		97
55) 4-Nitrophenol	14.84	139	358044	91.66	ng	#	31
56) 2,4-Dinitrotoluene	14.97	165	336431	45.54	ng	#	86
57) Fluorene	15.64	166	1141773	44.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	350378	53.31	ng	#	100
59) Diethylphthalate	15.40	149	1073144	41.27	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	632645	43.67	ng		98
61) 4-Nitroaniline	15.70	138	204058	41.41	ng	#	29
62) Azobenzene	15.92	77	1050827	54.96	ng		89
64) 4,6-Dinitro-2-methylphenol	15.72	198	207194	44.56	ng		79
65) n-Nitrosodiphenylamine	15.85	169	981779	43.03	ng		100
66) 4-Bromophenyl-phenylether	16.52	248	428256	43.95	ng		96
67) Hexachlorobenzene	16.62	284	479228	40.48	ng		97
68) Atrazine	16.79	200	408602	47.24	ng		99
69) Pentachlorophenol	16.97	266	607917	93.49	ng		97
70) Phenanthrene	17.38	178	1853776	43.53	ng		100
71) Anthracene	17.47	178	1897053	44.88	ng		99
72) Carbazole	17.76	167	1686835	45.08	ng		97
73) Di-n-butylphthalate	18.27	149	1815358	40.92	ng	#	98
74) Fluoranthene	19.38	202	2438682	44.10	ng		98
76) Benzidine	19.59	184	1844060	83.32	ng		99
77) Pyrene	19.74	202	2549639	39.63	ng		100
79) Butylbenzylphthalate	20.62	149	927291	38.94	ng	#	86
80) Benzo(a)anthracene	21.48	228	2919434	44.15	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	887193	33.35	ng	#	98
82) Chrysene	21.53	228	2668178	42.54	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1374669	38.60	ng	#	97
84) Di-n-octyl phthalate	22.27	149	2556746	40.10	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.29	276	4503442	48.96	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	3577582	45.40	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	3282178	42.51	ng	#	95
89) Benzo(a)pyrene	23.76	252	3424756	45.61	ng	#	96
90) Dibenzo(a,h)anthracene	26.29	278	3804484	45.31	ng	#	92
91) Benzo(g,h,i)perylene	27.04	276	3678861	44.72	ng	#	87

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

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