Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010099.D
Acq On : 22 May 2017 13:12
Operator : SJ/MA
Sample : PB99081BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99081BS

Quant Time: May 23 05:24:59 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	171951	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	572292	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	341366	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	762476	20.00	ng		0.00
75) Chrysene-d12	21.50	240	1129086	20.00	ng		-0.01
86) Perylene-d12	23.87	264	1347148	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1374401	144.34	ng		-0.01
7) Phenol-d6	7.16	99	1627238	132.81	ng		-0.01
23) Nitrobenzene-d5	9.16	82	1080065	101.82	ng		-0.01
41) 2,4,6-Tribromophenol	16.09	330	739109	142.56	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	2734454	102.98	ng		-0.01
78) Terphenyl-d14	19.94	244	4185480	84.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	165880	37.91	ng	#	100
3) Pyridine	3.86	79	431161	36.81	ng		91
4) n-Nitrosodimethylamine	3.77	42	204923	48.37	ng	#	82
6) Aniline	7.32	93	515640	33.97	ng		94
8) 2-Chlorophenol	7.54	128	449430	43.38	ng		94
9) Benzaldehyde	7.13	77	130111	17.06	ng		89
10) Phenol	7.19	94	553131	42.84	ng		87
11) bis(2-Chloroethyl)ether	7.40	93	396812	41.23	ng		97
12) 1,3-Dichlorobenzene	7.85	146	553306	42.03	ng	#	92
13) 1,4-Dichlorobenzene	8.00	146	561297	41.50	ng		96
14) 1,2-Dichlorobenzene	8.32	146	538813	41.51	ng		97
15) Benzyl Alcohol	8.23	79	421075	45.42	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.49	45	337126	35.63	ng		78
17) 2-Methylphenol	8.43	107	362220	39.42	ng	#	87
18) Hexachloroethane	9.04	117	184398	42.06	ng	#	76
19) n-Nitroso-di-n-propylamine	8.77	70	353551	40.88	ng		93
20) 3+4-Methylphenols	8.76	107	487665	39.30	ng		90
22) Acetophenone	8.80	105	669097	45.61	ng	#	99
24) Nitrobenzene	9.20	77	543406	49.73	ng		96
25) Isophorone	9.70	82	846567	46.19	ng	#	93
26) 2-Nitrophenol	9.90	139	210202	45.63	ng	#	68
27) 2,4-Dimethylphenol	9.95	122	381043	45.81	ng	#	81
28) bis(2-Chloroethoxy)methane	10.19	93	496320	42.67	ng		99
29) 2,4-Dichlorophenol	10.43	162	453739	47.38	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	564505	45.56	ng		98
31) Naphthalene	10.83	128	1291668	42.19	ng		99
32) Benzoic acid	10.09	122	238647	42.10	ng	#	82
33) 4-Chloroaniline	10.97	127	225472	19.12	ng	#	85
34) Hexachlorobutadiene	11.07	225	388686	47.03	ng		97
35) Caprolactam	11.77	113	105021	38.22	ng	#	77
36) 4-Chloro-3-methylphenol	12.07	107	430390	41.50	ng		86
37) 2-Methylnaphthalene	12.42	142	968340	43.93	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	634269	48.32	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	959068	126.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	378521	48.96	ng		99
43) 2,4,5-Trichlorophenol	13.11	196	394791	46.21	ng	#	95
45) 1,1'-Biphenyl	13.43	154	1279660	45.58	ng		99
46) 2-Chloronaphthalene	13.48	162	1016704	44.73	ng		96
47) 2-Nitroaniline	13.72	65	258470	44.22	ng		84
48) Acenaphthylene	14.33	152	1522411	45.30	ng		99
49) Dimethylphthalate	14.06	163	1256450	41.26	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	260760	45.10	ng		93
51) Acenaphthene	14.66	154	930672	44.55	ng		99
52) 3-Nitroaniline	14.54	138	202258	37.64	ng	#	66
53) 2,4-Dinitrophenol	14.73	184	316610	82.22	ng	#	85
54) Dibenzofuran	15.00	168	1552444	47.25	ng		97
55) 4-Nitrophenol	14.86	139	364983	84.39	ng	#	43
56) 2,4-Dinitrotoluene	14.97	165	356853	43.62	ng	#	82
57) Fluorene	15.64	166	1248454	43.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	364012	50.02	ng	#	100
59) Diethylphthalate	15.41	149	1174167	40.78	ng		98
60) 4-Chlorophenyl-phenylether	15.63	204	712131	44.40	ng		96
61) 4-Nitroaniline	15.71	138	212581	38.97	ng	#	34
62) Azobenzene	15.93	77	1122403	53.02	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	213481	45.83	ng		76
65) n-Nitrosodiphenylamine	15.86	169	1067676	46.72	ng		99
66) 4-Bromophenyl-phenylether	16.53	248	459941	47.12	ng		93
67) Hexachlorobenzene	16.62	284	523476	44.14	ng		95
68) Atrazine	16.80	200	417582	48.20	ng		98
69) Pentachlorophenol	16.99	266	620419	95.25	ng		100
70) Phenanthrene	17.39	178	1967724	46.13	ng		99
71) Anthracene	17.47	178	1993921	47.10	ng		99
72) Carbazole	17.76	167	1723100	45.97	ng		98
73) Di-n-butylphthalate	18.28	149	1869039	42.06	ng	#	98
74) Fluoranthene	19.39	202	2450927	44.25	ng		98
76) Benzidine	19.59	184	1673717	80.37	ng		99
77) Pyrene	19.75	202	2534434	41.87	ng		100
79) Butylbenzylphthalate	20.63	149	897926	40.07	ng	#	86
80) Benzo(a)anthracene	21.49	228	2920087	46.93	ng		100
81) 3,3'-Dichlorobenzidine	21.43	252	1041305	41.60	ng	#	98
82) Chrysene	21.54	228	2656762	45.02	ng		100
83) Bis(2-ethylhexyl)phthalate	21.37	149	1331346	39.73	ng	#	94
84) Di-n-octyl phthalate	22.28	149	2551120	42.52	ng		96
85) Indeno(1,2,3-cd)pyrene	26.30	276	4982677	57.57	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3699416	46.92	ng	#	93
88) Benzo(k)fluoranthene	23.19	252	3516690	45.53	ng	#	95
89) Benzo(a)pyrene	23.76	252	3613780	48.10	ng	#	97
90) Dibenzo(a,h)anthracene	26.31	278	4231863	50.37	ng	#	92
91) Benzo(g,h,i)perylene	27.05	276	4086733	49.65	ng	#	88

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

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