Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010174.D
Acq On : 24 May 2017 11:15
Operator : SJ/MA
Sample : PB99196BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99196BS

Quant Time: May 25 05:23:14 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	121506	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	422101	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	278587	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	678726	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1088412	20.00	ng		-0.02
86) Perylene-d12	23.85	264	1229141	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	964398	143.33	ng		-0.02
7) Phenol-d6	7.15	99	1199318	138.52	ng		-0.02
23) Nitrobenzene-d5	9.14	82	810896	103.65	ng		-0.03
41) 2,4,6-Tribromophenol	16.08	330	648022	153.15	ng		-0.02
44) 2-Fluorobiphenyl	13.21	172	2133251	98.44	ng		-0.02
78) Terphenyl-d14	19.93	244	3925851	82.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	110665	35.80	ng	#	100
3) Pyridine	3.85	79	303473	36.67	ng		89
4) n-Nitrosodimethylamine	3.76	42	158542	52.96	ng	#	76
6) Aniline	7.30	93	347146	32.36	ng		93
8) 2-Chlorophenol	7.53	128	315381	43.08	ng		96
9) Benzaldehyde	7.12	77	90614	16.81	ng		90
10) Phenol	7.17	94	408352	44.76	ng		92
11) bis(2-Chloroethyl)ether	7.39	93	272372	40.05	ng		99
12) 1,3-Dichlorobenzene	7.83	146	367866	39.54	ng	#	90
13) 1,4-Dichlorobenzene	7.99	146	379640	39.73	ng		96
14) 1,2-Dichlorobenzene	8.30	146	364634	39.75	ng		97
15) Benzyl Alcohol	8.22	79	312077	47.64	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.48	45	226078	33.81	ng		73
17) 2-Methylphenol	8.41	107	260310	40.10	ng	#	84
18) Hexachloroethane	9.02	117	128129	41.36	ng	#	73
19) n-Nitroso-di-n-propylamine	8.76	70	263118	43.06	ng		92
20) 3+4-Methylphenols	8.75	107	354476	40.43	ng		87
22) Acetophenone	8.79	105	476070	44.00	ng	#	97
24) Nitrobenzene	9.19	77	396301	49.17	ng		94
25) Isophorone	9.69	82	628766	46.51	ng	#	94
26) 2-Nitrophenol	9.89	139	152551	44.90	ng	#	58
27) 2,4-Dimethylphenol	9.94	122	277960	45.31	ng	#	77
28) bis(2-Chloroethoxy)methane	10.17	93	356052	41.50	ng		100
29) 2,4-Dichlorophenol	10.41	162	344469	48.77	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	409380	44.80	ng		98
31) Naphthalene	10.81	128	912970	40.43	ng		99
32) Benzoic acid	10.07	122	186818	44.69	ng	#	82
33) 4-Chloroaniline	10.95	127	129913	14.93	ng	#	85
34) Hexachlorobutadiene	11.06	225	282903	46.41	ng		97
35) Caprolactam	11.76	113	88578	43.71	ng	#	79
36) 4-Chloro-3-methylphenol	12.06	107	344909	45.09	ng	#	83
37) 2-Methylnaphthalene	12.41	142	727432	44.74	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	482614	45.05	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	694640	112.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	313742	49.72	ng		98
43) 2,4,5-Trichlorophenol	13.10	196	329803	47.30	ng	#	95
45) 1,1'-Biphenyl	13.42	154	1003377	43.80	ng		100
46) 2-Chloronaphthalene	13.47	162	795771	42.90	ng		96
47) 2-Nitroaniline	13.70	65	226041	47.39	ng	#	79
48) Acenaphthylene	14.32	152	1213369	44.24	ng		99
49) Dimethylphthalate	14.05	163	1035983	41.69	ng	#	98
50) 2,6-Dinitrotoluene	14.19	165	220656	46.76	ng		88
51) Acenaphthene	14.65	154	745836	43.74	ng		98
52) 3-Nitroaniline	14.53	138	127566	29.09	ng	#	63
53) 2,4-Dinitrophenol	14.72	184	280238	88.64	ng	#	87
54) Dibenzofuran	14.99	168	1274104	47.52	ng		96
55) 4-Nitrophenol	14.84	139	327746	92.86	ng	#	27
56) 2,4-Dinitrotoluene	14.96	165	310041	46.44	ng	#	88
57) Fluorene	15.63	166	1048201	44.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.21	232	325620	54.83	ng	#	100
59) Diethylphthalate	15.40	149	988182	42.06	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	587028	44.84	ng		99
61) 4-Nitroaniline	15.70	138	183851	41.29	ng	#	24
62) Azobenzene	15.92	77	989895	57.30	ng		89
64) 4,6-Dinitro-2-methylphenol	15.72	198	191065	46.08	ng		82
65) n-Nitrosodiphenylamine	15.84	169	909244	44.70	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	397248	45.72	ng		95
67) Hexachlorobenzene	16.61	284	444371	42.10	ng		96
68) Atrazine	16.79	200	381429	49.46	ng		97
69) Pentachlorophenol	16.97	266	563601	97.20	ng		97
70) Phenanthrene	17.37	178	1726551	45.47	ng		99
71) Anthracene	17.46	178	1766552	46.88	ng		99
72) Carbazole	17.75	167	1546821	46.36	ng		99
73) Di-n-butylphthalate	18.27	149	1661479	42.00	ng	#	97
74) Fluoranthene	19.38	202	2261256	45.86	ng		97
76) Benzidine	19.58	184	1522697	75.85	ng		98
77) Pyrene	19.74	202	2361952	40.48	ng		99
79) Butylbenzylphthalate	20.62	149	847477	39.23	ng	#	86
80) Benzo(a)anthracene	21.47	228	2741031	45.70	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	783529	32.47	ng	#	98
82) Chrysene	21.53	228	2463673	43.30	ng		99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1263103	39.10	ng	#	98
84) Di-n-octyl phthalate	22.27	149	2362335	40.85	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4343480	52.06	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	3364307	46.77	ng	#	93
88) Benzo(k)fluoranthene	23.18	252	3119209	44.26	ng	#	95
89) Benzo(a)pyrene	23.75	252	3206212	46.77	ng	#	96
90) Dibenzo(a,h)anthracene	26.28	278	3685206	48.08	ng	#	92
91) Benzo(g,h,i)perylene	27.03	276	3557108	47.36	ng	#	87

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

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