Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010179.D
Acq On : 24 May 2017 14:15
Operator : SJ/MA
Sample : PB99207BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB99207BS

Quant Time: May 25 05:25:33 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	129483	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	445547	20.00	ng		-0.03
38) Acenaphthene-d10	14.59	164	280029	20.00	ng		-0.02
63) Phenanthrene-d10	17.33	188	646782	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	954551	20.00	ng		-0.02
86) Perylene-d12	23.85	264	1183875	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	920533	128.38	ng		-0.02
7) Phenol-d6	7.14	99	1106403	119.92	ng		-0.03
23) Nitrobenzene-d5	9.14	82	744207	90.12	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	535482	125.91	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	1913218	87.83	ng		-0.03
78) Terphenyl-d14	19.93	244	2972053	70.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	117808	35.76	ng	#	100
3) Pyridine	3.85	79	297933	33.78	ng		88
4) n-Nitrosodimethylamine	3.76	42	155719	48.82	ng	#	73
6) Aniline	7.30	93	268804	23.51	ng		96
8) 2-Chlorophenol	7.53	128	291264	37.34	ng		93
9) Benzaldehyde	7.11	77	78738	13.71	ng		81
10) Phenol	7.17	94	368460	37.90	ng		93
11) bis(2-Chloroethyl)ether	7.39	93	253093	34.92	ng		98
12) 1,3-Dichlorobenzene	7.83	146	360344	36.35	ng	#	89
13) 1,4-Dichlorobenzene	7.99	146	368168	36.15	ng		96
14) 1,2-Dichlorobenzene	8.30	146	357221	36.54	ng		97
15) Benzyl Alcohol	8.22	79	284845	40.80	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	217280	30.49	ng		75
17) 2-Methylphenol	8.41	107	240687	34.79	ng	#	84
18) Hexachloroethane	9.02	117	127250	38.55	ng	#	75
19) n-Nitroso-di-n-propylamine	8.76	70	239673	36.80	ng		92
20) 3+4-Methylphenols	8.74	107	322197	34.48	ng		87
22) Acetophenone	8.79	105	445841	39.04	ng	#	98
24) Nitrobenzene	9.18	77	377023	44.32	ng		92
25) Isophorone	9.69	82	582128	40.79	ng	#	92
26) 2-Nitrophenol	9.89	139	141960	39.59	ng	#	66
27) 2,4-Dimethylphenol	9.93	122	246844	38.12	ng	#	78
28) bis(2-Chloroethoxy)methane	10.17	93	329792	36.42	ng		99
29) 2,4-Dichlorophenol	10.41	162	312735	41.95	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	386324	40.05	ng		99
31) Naphthalene	10.81	128	850189	35.67	ng		99
32) Benzoic acid	10.07	122	149755	33.94	ng	#	80
33) 4-Chloroaniline	10.95	127	75380	8.21	ng	#	84
34) Hexachlorobutadiene	11.06	225	273127	42.45	ng		99
35) Caprolactam	11.76	113	74109	34.64	ng	#	71
36) 4-Chloro-3-methylphenol	12.06	107	296321	36.70	ng	#	84
37) 2-Methylnaphthalene	12.41	142	655873	38.22	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	444188	41.25	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	644664	103.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	268562	42.34	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	288004	41.09	ng	#	94
45) 1,1'-Biphenyl	13.42	154	893573	38.80	ng		99
46) 2-Chloronaphthalene	13.46	162	715128	38.36	ng		96
47) 2-Nitroaniline	13.70	65	186153	38.83	ng		85
48) Acenaphthylene	14.31	152	1065992	38.67	ng		100
49) Dimethylphthalate	14.04	163	887302	35.52	ng	#	99
50) 2,6-Dinitrotoluene	14.18	165	184429	38.88	ng	#	84
51) Acenaphthene	14.65	154	646584	37.73	ng		97
52) 3-Nitroaniline	14.53	138	92256	20.93	ng	#	70
53) 2,4-Dinitrophenol	14.72	184	225361	72.18	ng	#	87
54) Dibenzofuran	14.99	168	1112948	41.30	ng		97
55) 4-Nitrophenol	14.84	139	261370	73.67	ng	#	27
56) 2,4-Dinitrotoluene	14.96	165	259033	38.60	ng	#	87
57) Fluorene	15.63	166	896791	38.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.21	232	271596	45.50	ng	#	100
59) Diethylphthalate	15.40	149	831298	35.20	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	498949	37.92	ng		99
61) 4-Nitroaniline	15.70	138	144357	32.26	ng	#	25
62) Azobenzene	15.92	77	831081	47.86	ng		88
64) 4,6-Dinitro-2-methylphenol	15.71	198	153422	38.83	ng		86
65) n-Nitrosodiphenylamine	15.84	169	760460	39.23	ng		98
66) 4-Bromophenyl-phenylether	16.52	248	328454	39.67	ng		93
67) Hexachlorobenzene	16.61	284	364367	36.22	ng		92
68) Atrazine	16.79	200	309002	42.04	ng		97
69) Pentachlorophenol	16.97	266	450962	81.62	ng		98
70) Phenanthrene	17.37	178	1404540	38.81	ng		99
71) Anthracene	17.46	178	1446370	40.28	ng		99
72) Carbazole	17.75	167	1230201	38.69	ng		98
73) Di-n-butylphthalate	18.27	149	1311653	34.79	ng	#	98
74) Fluoranthene	19.37	202	1747224	37.19	ng		97
76) Benzidine	19.58	184	1064285	60.45	ng		99
77) Pyrene	19.74	202	1803387	35.24	ng		99
79) Butylbenzylphthalate	20.62	149	613750	32.40	ng	#	86
80) Benzo(a)anthracene	21.47	228	2057077	39.10	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	563012	26.61	ng	#	97
82) Chrysene	21.53	228	1857820	37.23	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	898631	31.72	ng	#	97
84) Di-n-octyl phthalate	22.26	149	1696574	33.45	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.27	276	3728539	50.96	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	2580454	37.24	ng	#	93
88) Benzo(k)fluoranthene	23.18	252	2581905	38.04	ng	#	95
89) Benzo(a)pyrene	23.74	252	2618291	39.66	ng	#	97
90) Dibenzo(a,h)anthracene	26.28	278	3118868	42.24	ng	#	92
91) Benzo(g,h,i)perylene	27.03	276	3057297	42.26	ng	#	86

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

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