Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010021.D
Acq On : 12 May 2017 13:39
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 15 14:17:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	56282	20.00	ng		-0.02
21) Naphthalene-d8	10.55	136	251331	20.00	ng		-0.03
38) Acenaphthene-d10	14.42	164	170452	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	445275	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	572095	20.00	ng		-0.02
86) Perylene-d12	23.65	264	446811	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	309339	86.01	ng		-0.02
7) Phenol-d6	6.94	99	474205	82.29	ng		-0.03
23) Nitrobenzene-d5	8.93	82	566700	82.40	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	204445	87.64	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1017715	79.85	ng		-0.02
78) Terphenyl-d14	19.79	244	2234275	82.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	56670	42.53	ng	#	100
3) Pyridine	3.68	79	209589	42.68	ng	#	89
4) n-Nitrosodimethylamine	3.60	42	126167	46.90	ng	#	59
6) Aniline	7.10	93	312263	41.73	ng	#	90
8) 2-Chlorophenol	7.33	128	157786	40.41	ng	#	76
9) Benzaldehyde	6.92	77	175618	40.71	ng	#	76
10) Phenol	6.97	94	257874	41.18	ng		91
11) bis(2-Chloroethyl)ether	7.19	93	195854	40.22	ng		86
12) 1,3-Dichlorobenzene	7.65	146	174941	40.14	ng	#	84
13) 1,4-Dichlorobenzene	7.80	146	180760	40.47	ng	#	94
14) 1,2-Dichlorobenzene	8.10	146	175712	40.58	ng	#	91
15) Benzyl Alcohol	8.02	79	205736	41.89	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.28	45	319854	41.39	ng		99
17) 2-Methylphenol	8.21	107	167082	40.87	ng	#	83
18) Hexachloroethane	8.82	117	79740	43.06	ng	#	91
19) n-Nitroso-di-n-propylamine	8.57	70	217288	41.56	ng	#	86
20) 3+4-Methylphenols	8.54	107	233359	41.93	ng		90
22) Acetophenone	8.59	105	314556	40.94	ng	#	91
24) Nitrobenzene	8.97	77	299189	40.88	ng		89
25) Isophorone	9.49	82	486433	41.10	ng	#	86
26) 2-Nitrophenol	9.68	139	92350	41.91	ng	#	25
27) 2,4-Dimethylphenol	9.74	122	172288	41.77	ng		89
28) bis(2-Chloroethoxy)methane	9.97	93	290020	40.67	ng		98
29) 2,4-Dichlorophenol	10.22	162	166626	41.51	ng		92
30) 1,2,4-Trichlorobenzene	10.42	180	194783	41.56	ng		100
31) Naphthalene	10.60	128	569205	41.14	ng		99
32) Benzoic acid	9.92	122	114262	41.41	ng	#	77
33) 4-Chloroaniline	10.73	127	245737	41.78	ng	#	78
34) Hexachlorobutadiene	10.86	225	127922	40.11	ng		96
35) Caprolactam	11.56	113	64036	40.83	ng	#	71
36) 4-Chloro-3-methylphenol	11.86	107	228097	42.53	ng	#	78
37) 2-Methylnaphthalene	12.22	142	409155	41.31	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	250596	40.39	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	42696	42.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	158696	41.55	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	166011	40.01	ng	#	87
45) 1,1'-Biphenyl	13.24	154	574327	40.49	ng		92
46) 2-Chloronaphthalene	13.29	162	464234	41.65	ng		95
47) 2-Nitroaniline	13.52	65	215898	42.78	ng	#	66
48) Acenaphthylene	14.14	152	719615	40.99	ng		100
49) Dimethylphthalate	13.87	163	618051	41.14	ng		100
50) 2,6-Dinitrotoluene	14.02	165	125350	41.17	ng	#	62
51) Acenaphthene	14.48	154	449787	40.66	ng		99
52) 3-Nitroaniline	14.35	138	138658	42.88	ng	#	44
53) 2,4-Dinitrophenol	14.57	184	58357	37.61	ng		94
54) Dibenzofuran	14.82	168	697744	41.17	ng		96
55) 4-Nitrophenol	14.68	139	89077	41.14	ng	#	9
56) 2,4-Dinitrotoluene	14.81	165	182808	40.59	ng	#	72
57) Fluorene	15.47	166	616131	41.23	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	153898	42.94	ng	#	100
59) Diethylphthalate	15.24	149	648233	41.09	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	344602	42.24	ng		96
61) 4-Nitroaniline	15.52	138	150672	45.74	ng	#	21
62) Azobenzene	15.75	77	819085	42.79	ng		83
64) 4,6-Dinitro-2-methylphenol	15.58	198	104933	37.41	ng		92
65) n-Nitrosodiphenylamine	15.68	169	554487	40.13	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	211692	40.03	ng	#	94
67) Hexachlorobenzene	16.47	284	236876	40.36	ng	#	90
68) Atrazine	16.64	200	207959	41.18	ng		91
69) Pentachlorophenol	16.83	266	101619	38.80	ng		95
70) Phenanthrene	17.22	178	1022913	40.02	ng		99
71) Anthracene	17.30	178	1049910	40.27	ng		100
72) Carbazole	17.59	167	944991	40.60	ng		98
73) Di-n-butylphthalate	18.13	149	1205452	40.74	ng	#	97
74) Fluoranthene	19.23	202	1315822	40.13	ng		99
76) Benzidine	19.43	184	600832	42.01	ng		99
77) Pyrene	19.60	202	1401486	41.16	ng		99
79) Butylbenzylphthalate	20.49	149	590170	41.63	ng	#	69
80) Benzo(a)anthracene	21.34	228	1390059	40.44	ng		97
81) 3,3'-Dichlorobenzidine	21.28	252	520172	41.08	ng	#	97
82) Chrysene	21.40	228	1308083	40.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.24	149	866127	40.91	ng		99
84) Di-n-octyl phthalate	22.13	149	1466016	40.37	ng	#	86
85) Indeno(1,2,3-cd)pyrene	25.99	276	1031687	37.97	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1216377	40.20	ng	#	94
88) Benzo(k)fluoranthene	23.01	252	1196599	41.62	ng	#	98
89) Benzo(a)pyrene	23.55	252	1080632	40.51	ng		100
90) Dibenzo(a,h)anthracene	25.99	278	911506	38.72	ng	#	94
91) Benzo(g,h,i)perylene	26.70	276	856326m	39.47	ng		

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

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