Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010114.D
Acq On : 22 May 2017 22:12
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 23 05:31:01 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	162597	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	572341	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	372131	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	899145	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1316804	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1468796	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	715903	79.51	ng		-0.02
7) Phenol-d6	7.15	99	911283	78.65	ng		-0.02
23) Nitrobenzene-d5	9.15	82	968318	91.28	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	456244	80.72	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	2395113	82.74	ng		-0.01
78) Terphenyl-d14	19.94	244	4767224	82.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	175171	42.34	ng	#	100
3) Pyridine	3.85	79	467140	42.18	ng		90
4) n-Nitrosodimethylamine	3.77	42	185335	46.27	ng	#	82
6) Aniline	7.32	93	558323	38.89	ng		92
8) 2-Chlorophenol	7.53	128	386200	39.42	ng		95
9) Benzaldehyde	7.13	77	283734	39.34	ng		92
10) Phenol	7.18	94	481855	39.46	ng		86
11) bis(2-Chloroethyl)ether	7.40	93	351991	38.68	ng		99
12) 1,3-Dichlorobenzene	7.85	146	498356	40.03	ng	#	93
13) 1,4-Dichlorobenzene	8.00	146	516236	40.37	ng		96
14) 1,2-Dichlorobenzene	8.32	146	489725	39.90	ng		95
15) Benzyl Alcohol	8.23	79	348726	39.78	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.49	45	319878	35.75	ng		81
17) 2-Methylphenol	8.42	107	333477	38.38	ng	#	88
18) Hexachloroethane	9.03	117	172510	41.61	ng	#	76
19) n-Nitroso-di-n-propylamine	8.77	70	334121	40.86	ng	#	88
20) 3+4-Methylphenols	8.76	107	453273	38.63	ng		89
22) Acetophenone	8.80	105	610854	41.64	ng	#	98
24) Nitrobenzene	9.19	77	502066	45.94	ng		96
25) Isophorone	9.70	82	770434	42.03	ng	#	92
26) 2-Nitrophenol	9.90	139	191315	41.53	ng	#	65
27) 2,4-Dimethylphenol	9.95	122	338980	40.75	ng		88
28) bis(2-Chloroethoxy)methane	10.19	93	466321	40.08	ng		98
29) 2,4-Dichlorophenol	10.42	162	408295	42.63	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	523393	42.24	ng		98
31) Naphthalene	10.82	128	1219568	39.83	ng		99
32) Benzoic acid	10.08	122	215460	38.01	ng	#	82
33) 4-Chloroaniline	10.96	127	463431	39.29	ng	#	83
34) Hexachlorobutadiene	11.07	225	369316	44.68	ng		98
35) Caprolactam	11.77	113	103860	37.80	ng	#	76
36) 4-Chloro-3-methylphenol	12.07	107	419387	40.43	ng		83
37) 2-Methylnaphthalene	12.42	142	887037	40.24	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	610964	42.69	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	370682	44.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	361140	42.85	ng		99
43) 2,4,5-Trichlorophenol	13.10	196	402347	43.20	ng	#	92
45) 1,1'-Biphenyl	13.43	154	1227483	40.11	ng		100
46) 2-Chloronaphthalene	13.47	162	1003766	40.51	ng		95
47) 2-Nitroaniline	13.72	65	274194	43.04	ng		83
48) Acenaphthylene	14.32	152	1480762	40.42	ng		99
49) Dimethylphthalate	14.06	163	1309261	39.44	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	256639	40.72	ng		88
51) Acenaphthene	14.66	154	908603	39.89	ng		99
52) 3-Nitroaniline	14.54	138	220123	37.57	ng	#	68
53) 2,4-Dinitrophenol	14.73	184	152298	39.82	ng	#	85
54) Dibenzofuran	15.00	168	1434923	40.07	ng		98
55) 4-Nitrophenol	14.85	139	175809	37.29	ng	#	37
56) 2,4-Dinitrotoluene	14.97	165	353330	39.62	ng	#	83
57) Fluorene	15.64	166	1261498	40.51	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.22	232	337771	42.58	ng	#	100
59) Diethylphthalate	15.41	149	1257297	40.06	ng		97
60) 4-Chlorophenyl-phenylether	15.63	204	709567	40.58	ng		98
61) 4-Nitroaniline	15.71	138	226566	38.10	ng	#	29
62) Azobenzene	15.93	77	1034613	44.83	ng		92
64) 4,6-Dinitro-2-methylphenol	15.72	198	226727	41.28	ng		83
65) n-Nitrosodiphenylamine	15.86	169	1092806	40.55	ng		99
66) 4-Bromophenyl-phenylether	16.53	248	475814	41.34	ng		97
67) Hexachlorobenzene	16.62	284	547746	39.17	ng		97
68) Atrazine	16.80	200	421480	41.25	ng		98
69) Pentachlorophenol	16.98	266	316771	41.24	ng		98
70) Phenanthrene	17.38	178	2042536	40.60	ng		100
71) Anthracene	17.47	178	2047925	41.02	ng		99
72) Carbazole	17.76	167	1770077	40.04	ng		98
73) Di-n-butylphthalate	18.28	149	2106065	40.19	ng	#	98
74) Fluoranthene	19.39	202	2609794	39.96	ng		98
76) Benzidine	19.59	184	979104	40.31	ng		98
77) Pyrene	19.75	202	2776396	39.33	ng		100
79) Butylbenzylphthalate	20.63	149	1004466	38.44	ng	#	89
80) Benzo(a)anthracene	21.48	228	2957849	40.76	ng		100
81) 3,3'-Dichlorobenzidine	21.43	252	1203464	41.23	ng	#	98
82) Chrysene	21.53	228	2806342	40.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.37	149	1512049	38.69	ng	#	96
84) Di-n-octyl phthalate	22.28	149	2773436	39.64	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.29	276	4375679	43.35	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3601041	41.89	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	3281531	38.96	ng	#	95
89) Benzo(a)pyrene	23.76	252	3324037	40.58	ng	#	97
90) Dibenzo(a,h)anthracene	26.30	278	3851513	42.05	ng	#	92
91) Benzo(g,h,i)perylene	27.05	276	3764186	41.94	ng	#	87

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

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