

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010172.D
 Acq On : 24 May 2017 10:01
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 25 05:22:40 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	140188	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	484009	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	325341	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	810906	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1233576	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1351503	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	589790	75.97	ng	-0.02
7) Phenol-d6	7.14	99	767846	76.87	ng	-0.03
23) Nitrobenzene-d5	9.14	82	836817	93.28	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	424596	85.93	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2128741	84.12	ng	-0.02
78) Terphenyl-d14	19.93	244	4507855	83.09	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	138192	38.74	ng	# 100
3) Pyridine	3.85	79	385216	40.34	ng	90
4) n-Nitrosodimethylamine	3.76	42	170216	49.29	ng	# 78
6) Aniline	7.30	93	474207	38.31	ng	91
8) 2-Chlorophenol	7.53	128	317459	37.59	ng	95
9) Benzaldehyde	7.12	77	245752	39.52	ng	88
10) Phenol	7.17	94	405860	38.55	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	297748	37.94	ng	97
12) 1,3-Dichlorobenzene	7.83	146	415803	38.74	ng	# 91
13) 1,4-Dichlorobenzene	7.99	146	422391	38.31	ng	94
14) 1,2-Dichlorobenzene	8.30	146	409091	38.65	ng	96
15) Benzyl Alcohol	8.22	79	309936	41.01	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.46	45	253856	32.90	ng	77
17) 2-Methylphenol	8.41	107	281950	37.64	ng	# 84
18) Hexachloroethane	9.03	117	142995	40.01	ng	# 70
19) n-Nitroso-di-n-propylamine	8.76	70	286802	40.68	ng	93
20) 3+4-Methylphenols	8.75	107	387910	38.35	ng	87
22) Acetophenone	8.79	105	518337	41.78	ng	# 98
24) Nitrobenzene	9.19	77	426357	46.13	ng	97
25) Isophorone	9.69	82	672146	43.36	ng	# 93
26) 2-Nitrophenol	9.89	139	170186	43.69	ng	# 65
27) 2,4-Dimethylphenol	9.94	122	284573	40.46	ng	# 80
28) bis(2-Chloroethoxy)methane	10.17	93	397613	40.42	ng	98
29) 2,4-Dichlorophenol	10.41	162	357947	44.20	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	442743	42.25	ng	99
31) Naphthalene	10.81	128	1017336	39.29	ng	99
32) Benzoic acid	10.07	122	197254	41.15	ng	# 80
33) 4-Chloroaniline	10.95	127	403296	40.43	ng	# 83
34) Hexachlorobutadiene	11.06	225	320035	45.79	ng	97
35) Caprolactam	11.76	113	94733	40.77	ng	# 75
36) 4-Chloro-3-methylphenol	12.06	107	369898	42.17	ng	86
37) 2-Methylnaphthalene	12.41	142	765635	41.07	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	536270	42.86	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	312171	43.22	ng	99

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42) 2,4,6-Trichlorophenol	13.02	196	329650	44.74	nq	98
43) 2,4,5-Trichlorophenol	13.10	196	362686	44.54	nq	# 93
45) 1,1'-Biphenyl	13.42	154	1099449	41.09	nq	100
46) 2-Chloronaphthalene	13.47	162	886766	40.94	nq	96
47) 2-Nitroaniline	13.70	65	254868	45.76	nq	# 80
48) Acenaphthylene	14.32	152	1306962	40.80	nq	99
49) Dimethylphthalate	14.05	163	1190489	41.02	nq	# 98
50) 2,6-Dinitrotoluene	14.19	165	231510	42.01	nq	86
51) Acenaphthene	14.65	154	808451	40.60	nq	98
52) 3-Nitroaniline	14.53	138	202383	39.51	nq	# 66
53) 2,4-Dinitrophenol	14.72	184	137695	40.97	nq	# 85
54) Dibenzofuran	14.99	168	1279161	40.85	nq	97
55) 4-Nitrophenol	14.84	139	159160	38.61	nq	# 23
56) 2,4-Dinitrotoluene	14.96	165	326431	41.87	nq	# 86
57) Fluorene	15.63	166	1133152	41.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	310283	44.74	nq	# 100
59) Diethylphthalate	15.40	149	1143184	41.66	nq	97
60) 4-Chlorophenyl-phenylether	15.62	204	652320	42.67	nq	96
61) 4-Nitroaniline	15.70	138	204263	39.29	nq	# 26
62) Azobenzene	15.92	77	960655	47.62	nq	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	210050	42.40	nq	78
65) n-Nitrosodiphenylamine	15.84	169	994170	40.91	nq	99
66) 4-Bromophenyl-phenylether	16.52	248	436166	42.02	nq	95
67) Hexachlorobenzene	16.61	284	496194	39.34	nq	93
68) Atrazine	16.79	200	391691	42.51	nq	97
69) Pentachlorophenol	16.97	266	301034	43.46	nq	100
70) Phenanthrene	17.37	178	1847643	40.72	nq	100
71) Anthracene	17.46	178	1893318	42.05	nq	99
72) Carbazole	17.75	167	1626157	40.79	nq	98
73) Di-n-butylphthalate	18.27	149	1918776	40.60	nq	# 98
74) Fluoranthene	19.38	202	2465936	41.86	nq	97
76) Benzidine	19.59	184	1323516	58.17	nq	99
77) Pyrene	19.74	202	2593820	39.22	nq	100
79) Butylbenzylphthalate	20.62	149	947877	38.72	nq	# 85
80) Benzo(a)anthracene	21.47	228	2764887	40.67	nq	100
81) 3,3'-Dichlorobenzidine	21.42	252	1131531	41.38	nq	# 97
82) Chrysene	21.53	228	2622461	40.67	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1430304	39.07	nq	# 99
84) Di-n-octyl phthalate	22.26	149	2628619	40.10	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4093012	43.29	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	3280803	41.48	nq	# 93
88) Benzo(k)fluoranthene	23.18	252	3121392	40.28	nq	# 95
89) Benzo(a)pyrene	23.75	252	3091920	41.02	nq	# 96
90) Dibenzo(a,h)anthracene	26.29	278	3578915	42.46	nq	# 91
91) Benzo(g,h,i)perylene	27.03	276	3486949	42.22	nq	# 86

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

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