

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092718.D
 Acq On : 1 Feb 2017 21:36
 Operator : SJ/MA
 Sample : I1597-16MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Quant Time: Feb 02 00:20:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	165258	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	640049	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	335181	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	522531	20.00	ng	0.00
75) Chrysene-d12	14.13	240	312143	20.00	ng	-0.01
86) Perylene-d12	15.60	264	308938	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1565440	162.52	ng	0.00
7) Phenol-d6	6.60	99	1933858	156.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	1148647	99.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	301882	124.53	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1831167	98.98	ng	-0.01
78) Terphenyl-d14	13.07	244	1265554	95.26	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	258172	49.60	ng	# 85
3) Pyridine	3.40	79	704774	53.25	ng	87
4) n-Nitrosodimethylamine	3.38	42	390151	62.78	ng	87
6) Aniline	6.61	93	363531	21.50	ng	# 26
8) 2-Chlorophenol	6.74	128	576262	54.23	ng	100
9) Benzaldehyde	6.49	77	210298	23.68	ng	87
10) Phenol	6.61	94	926305	63.88	ng	# 75
11) bis(2-Chloroethyl)ether	6.68	93	600321	51.87	ng	91
12) 1,3-Dichlorobenzene	6.89	146	623564m	50.10	ng	
13) 1,4-Dichlorobenzene	6.97	146	669994	53.18	ng	95
14) 1,2-Dichlorobenzene	7.12	146	566083	46.99	ng	98
15) Benzyl Alcohol	7.09	79	475849	51.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1061410	52.79	ng	94
17) 2-Methylphenol	7.22	107	488947	53.63	ng	97
18) Hexachloroethane	7.46	117	213459	49.64	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	396381	50.24	ng	96
20) 3+4-Methylphenols	7.37	107	546437	50.13	ng	97
22) Acetophenone	7.36	105	793085	54.27	ng	# 95
24) Nitrobenzene	7.54	77	704855	59.72	ng	92
25) Isophorone	7.78	82	1194457	55.77	ng	99
26) 2-Nitrophenol	7.86	139	317559	56.60	ng	# 77
27) 2,4-Dimethylphenol	7.89	122	481659	48.89	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	706772	49.83	ng	99
29) 2,4-Dichlorophenol	8.10	162	476319	51.84	ng	90
30) 1,2,4-Trichlorobenzene	8.18	180	512128	51.72	ng	94
31) Naphthalene	8.26	128	1515378	46.71	ng	99
32) Benzoic acid	8.01	122	158884	31.38	ng	92
33) 4-Chloroaniline	8.32	127	83558	6.57	ng	99
34) Hexachlorobutadiene	8.37	225	254400	46.70	ng	99
35) Caprolactam	8.68	113	150761	52.16	ng	# 29
36) 4-Chloro-3-methylphenol	8.81	107	501590	52.36	ng	99
37) 2-Methylnaphthalene	8.96	142	1067585	51.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	466476	49.58	ng	99
40) Hexachlorocyclopentadiene	9.10	237	377402	88.91	ng	96

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42) 2,4,6-Trichlorophenol	9.24	196	344905	55.79	nq	94
43) 2,4,5-Trichlorophenol	9.29	196	353436	52.18	nq #	83
45) 1,1'-Biphenyl	9.42	154	1343820	55.37	nq	100
46) 2-Chloronaphthalene	9.45	162	1007352	53.06	nq	99
47) 2-Nitroaniline	9.55	65	343675	53.84	nq #	70
48) Acenaphthylene	9.86	152	1543886	47.07	nq	98
49) Dimethylphthalate	9.72	163	1502201	66.54	nq	99
50) 2,6-Dinitrotoluene	9.79	165	280114	57.45	nq	94
51) Acenaphthene	10.03	154	976185	49.78	nq	97
52) 3-Nitroaniline	9.96	138	111682	20.02	nq #	73
53) 2,4-Dinitrophenol	10.06	184	201925	81.33	nq #	70
54) Dibenzofuran	10.21	168	1383974	52.77	nq	90
55) 4-Nitrophenol	10.13	139	348072	86.61	nq	93
56) 2,4-Dinitrotoluene	10.19	165	301381	46.43	nq	93
57) Fluorene	10.56	166	1004832	49.80	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	239734	53.05	nq	98
59) Diethylphthalate	10.43	149	1101443	51.77	nq	94
60) 4-Chlorophenyl-phenylether	10.54	204	474761	48.97	nq #	82
61) 4-Nitroaniline	10.58	138	260856	45.64	nq	95
62) Azobenzene	10.70	77	1291136	58.74	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	160881	50.44	nq #	67
65) n-Nitrosodiphenylamine	10.67	169	902168	54.05	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	283895	52.00	nq #	88
67) Hexachlorobenzene	11.10	284	283706	52.59	nq #	91
68) Atrazine	11.20	200	295228	55.11	nq	95
69) Pentachlorophenol	11.30	266	268893	95.06	nq	97
70) Phenanthrene	11.52	178	1360261	45.44	nq	99
71) Anthracene	11.57	178	1533133	51.00	nq	98
72) Carbazole	11.72	167	1226146	42.67	nq	100
73) Di-n-butylphthalate	12.05	149	1675614	53.91	nq #	97
74) Fluoranthene	12.71	202	1339665	43.38	nq	97
76) Benzidine	12.82	184	228637	17.19	nq	97
77) Pyrene	12.93	202	1342884	57.49	nq	99
79) Butylbenzylphthalate	13.55	149	615794	64.92	nq #	77
80) Benzo(a)anthracene	14.12	228	1002446	52.51	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	203556	29.91	nq	97
82) Chrysene	14.16	228	990443	55.41	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	758192	58.44	nq	98
84) Di-n-octyl phthalate	14.72	149	1249707	59.16	nq	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	1068501	77.17	nq #	93
87) Benzo(b)fluoranthene	15.16	252	1104309m	54.31	nq	
88) Benzo(k)fluoranthene	15.20	252	690599m	39.33	nq	
89) Benzo(a)pyrene	15.54	252	894889	50.88	nq #	96
90) Dibenzo(a,h)anthracene	17.09	278	892502	62.78	nq	98
91) Benzo(g,h,i)perylene	17.53	276	945705	65.85	nq #	94

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

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