

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092992.D
 Acq On : 16 Feb 2017 20:26
 Operator : SJ/MA
 Sample : I1859-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMS

Quant Time: Feb 17 00:11:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 23:55:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149170	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	596977	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	329000	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	554283	20.00	ng	0.00
75) Chrysene-d12	14.02	240	473548	20.00	ng	0.00
86) Perylene-d12	15.45	264	356039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1043428	120.01	ng	0.02
7) Phenol-d6	6.51	99	1444244	129.10	ng	0.01
23) Nitrobenzene-d5	7.44	82	1023487	95.47	ng	0.01
41) 2,4,6-Tribromophenol	10.69	330	356072	149.64	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1636821	90.13	ng	0.00
78) Terphenyl-d14	12.97	244	1634408	81.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	172506	36.72	ng	# 73
3) Pyridine	3.30	79	351537	29.43	ng	89
4) n-Nitrosodimethylamine	3.23	42	237013	42.25	ng	87
6) Aniline	6.53	93	247001	16.19	ng	# 52
8) 2-Chlorophenol	6.65	128	445510	46.44	ng	93
9) Benzaldehyde	6.41	77	79013	9.86	ng	93
10) Phenol	6.52	94	574316	43.88	ng	# 74
11) bis(2-Chloroethyl)ether	6.60	93	450863	43.16	ng	93
12) 1,3-Dichlorobenzene	6.81	146	484951	43.16	ng	98
13) 1,4-Dichlorobenzene	6.88	146	477024	41.95	ng	99
14) 1,2-Dichlorobenzene	7.04	146	480207	44.16	ng	95
15) Benzyl Alcohol	7.01	79	408316	49.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	838540	46.20	ng	95
17) 2-Methylphenol	7.13	107	395209	48.03	ng	97
18) Hexachloroethane	7.37	117	166617	42.92	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	348262	48.90	ng	# 95
20) 3+4-Methylphenols	7.28	107	462953	47.05	ng	# 64
22) Acetophenone	7.28	105	616053	45.20	ng	# 95
24) Nitrobenzene	7.45	77	483380	43.91	ng	97
25) Isophorone	7.69	82	970991	48.61	ng	96
26) 2-Nitrophenol	7.77	139	279201	53.36	ng	89
27) 2,4-Dimethylphenol	7.80	122	442344	48.14	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	614271	46.43	ng	99
29) 2,4-Dichlorophenol	8.01	162	411628	48.03	ng	91
30) 1,2,4-Trichlorobenzene	8.09	180	413782	44.80	ng	96
31) Naphthalene	8.17	128	1304580	43.11	ng	99
32) Benzoic acid	7.94	122	231492	44.99	ng	96
33) 4-Chloroaniline	8.21	127	118681	10.00	ng	95
34) Hexachlorobutadiene	8.28	225	209492	41.23	ng	100
35) Caprolactam	8.60	113	119654m	44.38	ng	
36) 4-Chloro-3-methylphenol	8.72	107	464077	51.94	ng	90
37) 2-Methylnaphthalene	8.85	142	915780	47.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	403194	43.66	ng	99
40) Hexachlorocyclopentadiene	9.01	237	345134	82.83	ng	97

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42) 2,4,6-Trichlorophenol	9.14	196	301377	49.66	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	295849	44.50	ng #	90
45) 1,1'-Biphenyl	9.32	154	1078583	45.27	ng	97
46) 2-Chloronaphthalene	9.34	162	836821	44.90	ng	96
47) 2-Nitroaniline	9.45	65	319894	51.05	ng	91
48) Acenaphthylene	9.76	152	1428590	44.37	ng	98
49) Dimethylphthalate	9.63	163	1120685	50.57	ng	100
50) 2,6-Dinitrotoluene	9.69	165	224559	46.92	ng #	79
51) Acenaphthene	9.93	154	856097	44.48	ng	96
52) 3-Nitroaniline	9.86	138	85752	15.66	ng #	75
53) 2,4-Dinitrophenol	9.97	184	276481	111.58	ng	95
54) Dibenzofuran	10.11	168	1211963	47.08	ng #	88
55) 4-Nitrophenol	10.03	139	313393	79.45	ng	95
56) 2,4-Dinitrotoluene	10.10	165	343415	53.90	ng #	83
57) Fluorene	10.44	166	874520	44.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	245228	55.29	ng	97
59) Diethylphthalate	10.33	149	1101854	52.76	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	442381	46.49	ng #	76
61) 4-Nitroaniline	10.48	138	258271	46.04	ng	92
62) Azobenzene	10.60	77	1183736	54.86	ng	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	163465	48.43	ng #	48
65) n-Nitrosodiphenylamine	10.56	169	813839	45.96	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	253750	43.82	ng	94
67) Hexachlorobenzene	10.99	284	251868	44.01	ng #	88
68) Atrazine	11.09	200	284981	50.15	ng	92
69) Pentachlorophenol	11.19	266	298423	99.13	ng	96
70) Phenanthrene	11.40	178	1338315	42.14	ng	99
71) Anthracene	11.46	178	1506283	47.23	ng	99
72) Carbazole	11.62	167	1367384	44.86	ng #	97
73) Di-n-butylphthalate	11.94	149	1524494	46.24	ng	98
74) Fluoranthene	12.59	202	1356631	41.42	ng	99
77) Pyrene	12.82	202	1401373	39.54	ng	99
79) Butylbenzylphthalate	13.44	149	709405	49.29	ng	90
80) Benzo(a)anthracene	14.01	228	1133493	39.14	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	228937	22.17	ng #	94
82) Chrysene	14.04	228	1068095	39.39	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	916544	46.57	ng #	96
84) Di-n-octyl phthalate	14.60	149	1519315	47.41	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	979310	46.62	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1080227	46.10	ng	99
88) Benzo(k)fluoranthene	15.07	252	1015453m	50.19	ng	
89) Benzo(a)pyrene	15.39	252	982043	48.45	ng	96
90) Dibenzo(a,h)anthracene	16.87	278	817458	49.90	ng	97
91) Benzo(g,h,i)perylene	17.28	276	845486	51.08	ng #	91

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

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