

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092601.D
 Acq On : 28 Jan 2017 2:55
 Operator : SJ/MA
 Sample : I1527-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMS

Quant Time: Jan 28 04:57:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	171539	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	652960	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	326150	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	429996	20.00	ng	0.00
75) Chrysene-d12	14.17	240	294004	20.00	ng	0.00
86) Perylene-d12	15.65	264	231228	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1515320	137.44	ng	0.06
7) Phenol-d6	6.64	99	1833741	130.57	ng	0.05
23) Nitrobenzene-d5	7.55	82	1114237	93.21	ng	0.01
41) 2,4,6-Tribromophenol	10.84	330	290942	130.90	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1625518	92.16	ng	0.00
78) Terphenyl-d14	13.12	244	1197944	108.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	233007	39.74	ng	# 81
3) Pyridine	3.47	79	689051	41.28	ng	85
4) n-Nitrosodimethylamine	3.44	42	359873	43.94	ng	82
6) Aniline	6.65	93	376392	17.97	ng	# 1
8) 2-Chlorophenol	6.77	128	592637	51.17	ng	95
9) Benzaldehyde	6.52	77	276076	27.70	ng	96
10) Phenol	6.65	94	897962	52.97	ng	78
11) bis(2-Chloroethyl)ether	6.72	93	631404	49.78	ng	97
12) 1,3-Dichlorobenzene	6.92	146	662336	48.36	ng	98
13) 1,4-Dichlorobenzene	6.99	146	628020	45.56	ng	99
14) 1,2-Dichlorobenzene	7.15	146	607467	46.45	ng	97
15) Benzyl Alcohol	7.13	79	478329	45.19	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	970499	38.68	ng	# 48
17) 2-Methylphenol	7.25	107	474292	47.93	ng	94
18) Hexachloroethane	7.49	117	176878	37.25	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	433802	45.36	ng	98
20) 3+4-Methylphenols	7.40	107	582449	48.52	ng	# 79
22) Acetophenone	7.39	105	788412	50.70	ng	98
24) Nitrobenzene	7.57	77	640152	51.12	ng	# 84
25) Isophorone	7.80	82	1134281	48.15	ng	95
26) 2-Nitrophenol	7.88	139	174867	33.32	ng	96
27) 2,4-Dimethylphenol	7.93	122	485205	44.46	ng	99
28) bis(2-Chloroethoxy)methane	8.02	93	764308	49.43	ng	99
29) 2,4-Dichlorophenol	8.13	162	443821	46.91	ng	88
30) 1,2,4-Trichlorobenzene	8.21	180	514883	50.35	ng	96
31) Naphthalene	8.29	128	1510629	45.20	ng	99
32) Benzoic acid	8.01	122	48891	10.10	ng	95
33) 4-Chloroaniline	8.34	127	264800	18.73	ng	# 93
34) Hexachlorobutadiene	8.41	225	262456	46.92	ng	99
35) Caprolactam	8.73	113	144981	45.89	ng	# 42
36) 4-Chloro-3-methylphenol	8.84	107	444672	43.58	ng	97
37) 2-Methylnaphthalene	8.99	142	1021975	48.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	473910	57.60	ng	98
40) Hexachlorocyclopentadiene	9.14	237	97750	23.73	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	301068	47.76	ng	92
43) 2,4,5-Trichlorophenol	9.32	196	292044	50.64	ng	92
45) 1,1'-Biphenyl	9.46	154	1266980	53.74	ng	98
46) 2-Chloronaphthalene	9.48	162	874203	45.40	ng	96
47) 2-Nitroaniline	9.58	65	361757	55.79	ng	96
48) Acenaphthylene	9.90	152	1470351	52.06	ng	99
49) Dimethylphthalate	9.76	163	1233467	59.47	ng	98
50) 2,6-Dinitrotoluene	9.82	165	210667	49.69	ng	94
51) Acenaphthene	10.08	154	836835	47.68	ng	97
52) 3-Nitroaniline	10.00	138	261466	49.25	ng	99
53) 2,4-Dinitrophenol	10.10	184	4758	6.46	ng	# 65
54) Dibenzofuran	10.25	168	1241125	52.08	ng	93
55) 4-Nitrophenol	10.18	139	293359	69.57	ng	88
56) 2,4-Dinitrotoluene	10.22	165	209188	37.18	ng	96
57) Fluorene	10.59	166	859537	48.64	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.37	232	206134	47.70	ng	94
59) Diethylphthalate	10.46	149	1100345	55.33	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	396263	46.24	ng	90
61) 4-Nitroaniline	10.61	138	275282	51.84	ng	93
62) Azobenzene	10.74	77	1023500	45.23	ng	96
64) 4,6-Dinitro-2-methylphenol	10.64	198	7468	7.84	ng	# 28
65) n-Nitrosodiphenylamine	10.70	169	833187	62.05	ng	99
66) 4-Bromophenyl-phenylether	11.07	248	230674	53.13	ng	99
67) Hexachlorobenzene	11.14	284	226058	51.51	ng	# 93
68) Atrazine	11.23	200	206637	44.96	ng	99
69) Pentachlorophenol	11.34	266	189422	67.51	ng	97
70) Phenanthrene	11.55	178	1139528	48.12	ng	98
71) Anthracene	11.61	178	1199442	51.83	ng	99
72) Carbazole	11.77	167	1107578	50.13	ng	99
73) Di-n-butylphthalate	12.09	149	1356478	53.69	ng	# 97
74) Fluoranthene	12.74	202	1067667	46.10	ng	97
76) Benzidine	12.88	184	525747	48.17	ng	96
77) Pyrene	12.98	202	1108828	52.05	ng	98
79) Butylbenzylphthalate	13.59	149	511522	59.27	ng	97
80) Benzo(a)anthracene	14.16	228	873282	55.27	ng	100
81) 3,3'-Dichlorobenzidine	14.12	252	312375	52.07	ng	98
82) Chrysene	14.20	228	865218	51.27	ng	97
83) Bis(2-ethylhexyl)phthalate	14.15	149	779428	71.71	ng	# 96
84) Di-n-octyl phthalate	14.76	149	1237675	62.73	ng	97
85) Indeno(1,2,3-cd)pyrene	17.16	276	652090	52.23	ng	95
87) Benzo(b)fluoranthene	15.22	252	695457m	46.85	ng	
88) Benzo(k)fluoranthene	15.25	252	721443m	58.45	ng	
89) Benzo(a)pyrene	15.60	252	652036	51.92	ng	99
90) Dibenzo(a,h)anthracene	17.17	278	551557	54.32	ng	96
91) Benzo(g,h,i)perylene	17.62	276	530365	51.65	ng	96

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

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