

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084391.D
 Acq On : 11 Jan 2016 20:35
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 12 03:50:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	424727	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1711129	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	771836	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1251145	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	820629	20.00	ng	-0.05
86) Perylene-d12	15.45	264	745032	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1921905	73.19	ng	-0.03
7) Phenol-d6	6.51	99	2754762	83.53	ng	-0.02
23) Nitrobenzene-d5	7.42	82	2467444	80.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	576856	74.03	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	3562259	80.88	ng	-0.05
78) Terphenyl-d14	12.97	244	2512641	68.35	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	566353	45.53	ng	# 82
3) Pyridine	3.16	79	1566950	45.18	ng	# 82
4) n-Nitrosodimethylamine	3.13	42	673167	37.81	ng	95
6) Aniline	6.52	93	1704146	35.32	ng	# 69
8) 2-Chlorophenol	6.65	128	1262802	42.39	ng	96
9) Benzaldehyde	6.40	77	889929	41.44	ng	94
10) Phenol	6.52	94	1613294	43.03	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	1304415	44.91	ng	93
12) 1,3-Dichlorobenzene	6.80	146	1224149	39.83	ng	# 95
13) 1,4-Dichlorobenzene	6.88	146	1305676	42.37	ng	95
14) 1,2-Dichlorobenzene	7.02	146	1067845	36.18	ng	94
15) Benzyl Alcohol	7.00	79	964250	34.76	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1803621	34.10	ng	91
17) 2-Methylphenol	7.13	107	1048716	42.00	ng	96
18) Hexachloroethane	7.37	117	463656	37.62	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	864762	38.74	ng	# 88
20) 3+4-Methylphenols	7.28	107	1125335	38.34	ng	# 45
22) Acetophenone	7.28	105	1683674	40.92	ng	# 94
24) Nitrobenzene	7.45	77	1328770	42.61	ng	99
25) Isophorone	7.69	82	2399289	40.80	ng	98
26) 2-Nitrophenol	7.76	139	648625	45.70	ng	# 78
27) 2,4-Dimethylphenol	7.81	122	1189591	41.41	ng	86
28) bis(2-Chloroethoxy)methane	7.90	93	1550126	43.16	ng	# 97
29) 2,4-Dichlorophenol	8.01	162	916176	38.29	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	1017280	41.18	ng	96
31) Naphthalene	8.17	128	2924513	37.67	ng	95
32) Benzoic acid	7.94	122	530684	31.23	ng	92
33) 4-Chloroaniline	8.22	127	1491082	41.89	ng	# 88
34) Hexachlorobutadiene	8.28	225	532757	37.52	ng	97
35) Caprolactam	8.60	113	341480	42.33	ng	# 55
36) 4-Chloro-3-methylphenol	8.70	107	1032914	38.54	ng	93
37) 2-Methylnaphthalene	8.85	142	2084973	37.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	935472	42.16	ng	99
40) Hexachlorocyclopentadiene	9.01	237	230641	17.22	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	618604	37.26	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	672337	42.25	ng #	90
45) 1,1'-Biphenyl	9.32	154	2246220	36.62	ng	96
46) 2-Chloronaphthalene	9.34	162	1763171	36.59	ng	96
47) 2-Nitroaniline	9.45	65	771760	48.53	ng #	86
48) Acenaphthylene	9.77	152	2945826	41.38	ng	97
49) Dimethylphthalate	9.63	163	2214291	40.13	ng #	90
50) 2,6-Dinitrotoluene	9.69	165	463156	38.27	ng #	53
51) Acenaphthene	9.94	154	1947872	40.79	ng	97
52) 3-Nitroaniline	9.86	138	583653	38.92	ng	93
53) 2,4-Dinitrophenol	9.96	184	103238	22.69	ng #	88
54) Dibenzofuran	10.11	168	2595688	41.76	ng	97
55) 4-Nitrophenol	10.03	139	414094	38.04	ng	84
56) 2,4-Dinitrotoluene	10.09	165	585859	38.25	ng #	89
57) Fluorene	10.45	166	1853289	38.40	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	497467	36.61	ng	91
59) Diethylphthalate	10.33	149	2224520	40.89	ng	95
60) 4-Chlorophenyl-phenylether	10.44	204	901663	44.62	ng	97
61) 4-Nitroaniline	10.48	138	606741	45.39	ng #	80
62) Azobenzene	10.60	77	2472656	41.44	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	217101	29.05	ng	87
65) n-Nitrosodiphenylamine	10.56	169	1734928	43.37	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	635351	47.18	ng	99
67) Hexachlorobenzene	10.99	284	582162	38.41	ng #	82
68) Atrazine	11.09	200	611152	46.69	ng	96
69) Pentachlorophenol	11.18	266	255387	32.50	ng	96
70) Phenanthrene	11.40	178	2653293	40.54	ng	96
71) Anthracene	11.46	178	2568097	40.03	ng	95
72) Carbazole	11.62	167	2459988	39.22	ng	97
73) Di-n-butylphthalate	11.95	149	3043801	45.89	ng #	95
74) Fluoranthene	12.59	202	2185784	31.97	ng	96
76) Benzidine	12.72	184	1080707	36.73	ng	99
77) Pyrene	12.82	202	2181042	33.87	ng	97
79) Butylbenzylphthalate	13.45	149	1129227	40.52	ng #	85
80) Benzo(a)anthracene	14.01	228	1747137	36.26	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	680763	40.48	ng #	96
82) Chrysene	14.04	228	1526269	32.96	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1423158	40.42	ng #	94
84) Di-n-octyl phthalate	14.61	149	2291303	38.55	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1627724	44.35	ng	95
87) Benzo(b)fluoranthene	15.04	252	1763225	36.18	ng #	96
88) Benzo(k)fluoranthene	15.07	252	1737750m	43.60	ng	
89) Benzo(a)pyrene	15.39	252	1690103	40.88	ng #	97
90) Dibenzo(a,h)anthracene	16.87	278	1360400	38.24	ng	98
91) Benzo(g,h,i)perylene	17.27	276	1324473	35.96	ng #	95

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

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