

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081644.D
 Acq On : 16 Sep 2015 11:40
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 17 05:07:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	52379	20.00	ng	-0.02
21) Naphthalene-d8	11.10	136	214225	20.00	ng	-0.02
38) Acenaphthene-d10	15.22	164	102977	20.00	ng	-0.03
63) Phenanthrene-d10	18.73	188	211686	20.00	ng	-0.02
75) Chrysene-d12	23.37	240	162773	20.00	ng	-0.01
86) Perylene-d12	24.80	264	109086	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	268036	79.39	ng	-0.02
7) Phenol-d6	7.62	99	365963	81.89	ng	-0.02
23) Nitrobenzene-d5	9.50	82	367303	82.72	ng	-0.03
41) 2,4,6-Tribromophenol	17.13	330	77115	84.10	ng	-0.03
44) 2-Fluorobiphenyl	13.75	172	664108	82.64	ng	-0.02
78) Terphenyl-d14	22.09	244	601494	86.02	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.53	88	151522	99.93	ng	# 45
3) Pyridine	2.06	79	130506	31.21	ng	# 82
4) n-Nitrosodimethylamine	2.02	42	112647	48.50	ng	# 58
6) Aniline	7.50	93	246863	39.12	ng	# 83
8) 2-Chlorophenol	7.75	128	149142	40.09	ng	# 82
9) Benzaldehyde	7.21	77	97571	34.85	ng	# 72
10) Phenol	7.65	94	193938	37.42	ng	# 52
11) bis(2-Chloroethyl)ether	7.74	93	152621	40.82	ng	# 58
12) 1,3-Dichlorobenzene	8.05	146	158552	39.89	ng	# 90
13) 1,4-Dichlorobenzene	8.23	146	161095	39.81	ng	# 88
14) 1,2-Dichlorobenzene	8.55	146	152363	41.81	ng	# 90
15) Benzyl Alcohol	8.64	79	154992	42.28	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	8.96	45	327745	45.73	ng	# 72
17) 2-Methylphenol	8.98	107	124369	41.90	ng	# 80
18) Hexachloroethane	9.29	117	67728	43.01	ng	# 86
19) n-Nitroso-di-n-propylamine	9.27	70	133393	43.86	ng	# 91
20) 3+4-Methylphenols	9.36	107	161564	40.37	ng	# 86
22) Acetophenone	9.19	105	228275	39.01	ng	# 74
24) Nitrobenzene	9.54	77	191627	41.56	ng	# 62
25) Isophorone	10.14	82	341981	41.41	ng	# 83
26) 2-Nitrophenol	10.27	139	79018	39.32	ng	# 40
27) 2,4-Dimethylphenol	10.55	122	137880	39.72	ng	# 77
28) bis(2-Chloroethoxy)methane	10.73	93	195963	41.08	ng	# 91
29) 2,4-Dichlorophenol	10.88	162	123212	40.93	ng	# 92
30) 1,2,4-Trichlorobenzene	11.01	180	134208	41.04	ng	# 98
31) Naphthalene	11.14	128	455454	39.87	ng	# 98
32) Benzoic acid	11.06	122	72212	30.14	ng	# 50
33) 4-Chloroaniline	11.38	127	189662	40.70	ng	# 83
34) Hexachlorobutadiene	11.50	225	86313	43.37	ng	# 98
35) Caprolactam	12.36	113	37398	40.51	ng	# 19
36) 4-Chloro-3-methylphenol	12.70	107	149201	44.28	ng	# 74
37) 2-Methylnaphthalene	12.80	142	301393	40.54	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	130292	40.01	ng	# 99
40) Hexachlorocyclopentadiene	13.19	237	54583	34.15	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	90284	40.17	ng	97
43) 2,4,5-Trichlorophenol	13.66	196	91635	39.96	ng #	92
45) 1,1'-Biphenyl	13.94	154	366714	38.71	ng	96
46) 2-Chloronaphthalene	13.93	162	272195	39.78	ng #	86
47) 2-Nitroaniline	14.28	65	120216	43.11	ng #	58
48) Acenaphthylene	14.88	152	482160	39.72	ng	98
49) Dimethylphthalate	14.82	163	334296	41.78	ng #	97
50) 2,6-Dinitrotoluene	14.93	165	68417	37.68	ng #	51
51) Acenaphthene	15.32	154	270668	39.20	ng	91
52) 3-Nitroaniline	15.28	138	81225	39.29	ng #	47
53) 2,4-Dinitrophenol	15.57	184	31380	37.74	ng #	20
54) Dibenzofuran	15.73	168	400335	39.71	ng #	83
55) 4-Nitrophenol	15.90	139	49618	38.20	ng #	7
56) 2,4-Dinitrotoluene	15.88	165	94440	40.84	ng #	59
57) Fluorene	16.54	166	326359	42.65	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.10	232	72744	41.55	ng	91
59) Diethylphthalate	16.52	149	372430	44.25	ng	95
60) 4-Chlorophenyl-phenylether	16.64	204	155400	43.58	ng	90
61) 4-Nitroaniline	16.76	138	77123	36.93	ng #	25
62) Azobenzene	17.01	77	399470	42.69	ng	84
64) 4,6-Dinitro-2-methylphenol	16.84	198	48923	41.32	ng #	69
65) n-Nitrosodiphenylamine	16.96	169	289834	37.63	ng	93
66) 4-Bromophenyl-phenylether	17.77	248	87162	40.72	ng #	83
67) Hexachlorobenzene	17.83	284	87905	39.28	ng #	85
68) Atrazine	18.37	200	88554	39.73	ng #	79
69) Pentachlorophenol	18.38	266	37452	39.36	ng	99
70) Phenanthrene	18.79	178	465713	39.57	ng	97
71) Anthracene	18.92	178	472260	39.06	ng	99
72) Carbazole	19.38	167	434720	38.32	ng	96
73) Di-n-butylphthalate	20.44	149	600285	44.80	ng #	98
74) Fluoranthene	21.41	202	490141	38.47	ng	90
76) Benzidine	21.73	184	199208	28.51	ng	98
77) Pyrene	21.76	202	514472	42.67	ng	98
79) Butylbenzylphthalate	22.79	149	250606	47.79	ng	96
80) Benzo(a)anthracene	23.36	228	414359	39.97	ng	97
81) 3,3'-Dichlorobenzidine	23.36	252	136638	39.08	ng #	94
82) Chrysene	23.40	228	354519	38.15	ng	95
83) Bis(2-ethylhexyl)phthalate	23.48	149	318715	46.06	ng #	91
84) Di-n-octyl phthalate	24.14	149	490630	43.06	ng	95
85) Indeno(1,2,3-cd)pyrene	25.84	276	252276	37.00	ng #	83
87) Benzo(b)fluoranthene	24.46	252	285229m	36.62	ng	
88) Benzo(k)fluoranthene	24.49	252	287193m	44.44	ng	
89) Benzo(a)pyrene	24.76	252	270308	40.96	ng #	82
90) Dibenzo(a,h)anthracene	25.85	278	208423	40.87	ng #	80
91) Benzo(g,h,i)perylene	26.15	276	200257	41.15	ng #	72

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

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