

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083046.D
 Acq On : 19 Nov 2015 19:39
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 20 01:01:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 00:25:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	118428	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	467339	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	221535	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	432387	20.00	ng	0.01
75) Chrysene-d12	13.86	240	355845	20.00	ng	0.00
86) Perylene-d12	15.24	264	286839	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	875248	116.58	ng	0.01
7) Phenol-d6	6.36	99	1091661	108.03	ng	0.01
23) Nitrobenzene-d5	7.28	82	1074466	100.76	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	278481	110.87	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1979724	126.72	ng	0.00
78) Terphenyl-d14	12.82	244	1889557	127.17	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	185118	57.01	ng	100
3) Pyridine	2.83	79	579820	60.69	ng	99
4) n-Nitrosodimethylamine	2.80	42	282735	60.08	ng	98
6) Aniline	6.37	93	790534	55.90	ng	# 66
8) 2-Chlorophenol	6.50	128	471149	56.21	ng	# 80
9) Benzaldehyde	6.25	77	268800	49.38	ng	87
10) Phenol	6.37	94	625953	55.47	ng	# 65
11) bis(2-Chloroethyl)ether	6.45	93	502485	59.76	ng	89
12) 1,3-Dichlorobenzene	6.65	146	563052	59.66	ng	97
13) 1,4-Dichlorobenzene	6.73	146	554146m	55.99	ng	
14) 1,2-Dichlorobenzene	6.88	146	472538	52.59	ng	96
15) Benzyl Alcohol	6.86	79	493624	56.29	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	773191	60.79	ng	96
17) 2-Methylphenol	6.98	107	409399	57.79	ng	99
18) Hexachloroethane	7.22	117	200352	56.58	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	392138	53.38	ng	96
20) 3+4-Methylphenols	7.14	107	489791	51.92	ng	93
22) Acetophenone	7.13	105	748573	55.82	ng	97
24) Nitrobenzene	7.30	77	673974	62.64	ng	92
25) Isophorone	7.54	82	1081230	54.31	ng	97
26) 2-Nitrophenol	7.62	139	258914	58.17	ng	# 68
27) 2,4-Dimethylphenol	7.66	122	392616	47.65	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	603866	53.72	ng	98
29) 2,4-Dichlorophenol	7.86	162	379868	50.94	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	427825	51.53	ng	99
31) Naphthalene	8.02	128	1398564	54.04	ng	99
32) Benzoic acid	7.81	122	281121	51.74	ng	98
33) 4-Chloroaniline	8.08	127	638187	58.65	ng	# 87
34) Hexachlorobutadiene	8.14	225	280270	53.68	ng	97
35) Caprolactam	8.46	113	141307	61.26	ng	# 80
36) 4-Chloro-3-methylphenol	8.57	107	434124	49.50	ng	90
37) 2-Methylnaphthalene	8.70	142	899795	54.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	388974	54.26	ng	99
40) Hexachlorocyclopentadiene	8.86	237	221883	58.65	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	305410	56.49	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	311397	57.85	ng #	90
45) 1,1'-Biphenyl	9.17	154	1010058	53.96	ng	99
46) 2-Chloronaphthalene	9.20	162	810662	54.91	ng	97
47) 2-Nitroaniline	9.30	65	372329	69.37	ng #	81
48) Acenaphthylene	9.61	152	1313034	56.08	ng	99
49) Dimethylphthalate	9.49	163	1093630	59.54	ng	98
50) 2,6-Dinitrotoluene	9.54	165	203627	51.03	ng #	67
51) Acenaphthene	9.78	154	899520	60.93	ng	99
52) 3-Nitroaniline	9.71	138	272047	64.92	ng	90
53) 2,4-Dinitrophenol	9.81	184	129918	63.89	ng #	63
54) Dibenzofuran	9.95	168	1111702	55.89	ng	99
55) 4-Nitrophenol	9.88	139	165245	50.07	ng #	73
56) 2,4-Dinitrotoluene	9.94	165	302069	56.41	ng #	85
57) Fluorene	10.29	166	862723	53.24	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	243494	54.75	ng	93
59) Diethylphthalate	10.18	149	1007236	56.57	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	473068	58.46	ng	91
61) 4-Nitroaniline	10.33	138	288398	66.05	ng	97
62) Azobenzene	10.45	77	1242243	64.72	ng	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	169538	54.31	ng #	40
65) n-Nitrosodiphenylamine	10.42	169	907465	59.30	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	290233	56.00	ng #	68
67) Hexachlorobenzene	10.84	284	290973	50.35	ng #	88
68) Atrazine	10.94	200	231776	47.52	ng	97
69) Pentachlorophenol	11.04	266	173637	51.32	ng	97
70) Phenanthrene	11.25	178	1471853	58.30	ng	97
71) Anthracene	11.30	178	1426970	54.34	ng	99
72) Carbazole	11.46	167	1163522	50.49	ng	99
73) Di-n-butylphthalate	11.80	149	1478279	51.45	ng	99
74) Fluoranthene	12.43	202	1441498	54.45	ng	98
76) Benzidine	12.56	184	629170	53.24	ng	97
77) Pyrene	12.66	202	1442394	59.10	ng	100
79) Butylbenzylphthalate	13.30	149	704658	64.92	ng #	71
80) Benzo(a)anthracene	13.85	228	1313267	58.49	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	429908	55.33	ng	99
82) Chrysene	13.89	228	1253124	62.45	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	849626	57.68	ng	99
84) Di-n-octyl phthalate	14.48	149	1422016	58.54	ng	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	1026112	59.07	ng	99
87) Benzo(b)fluoranthene	14.87	252	1267692m	68.66	ng	
88) Benzo(k)fluoranthene	14.89	252	789023m	48.08	ng	
89) Benzo(a)pyrene	15.19	252	902397	56.41	ng #	98
90) Dibenzo(a,h)anthracene	16.57	278	853091	62.94	ng	98
91) Benzo(g,h,i)perylene	16.95	276	847998	64.87	ng	97

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

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