

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078893.D
 Acq On : 1 May 2015 15:28
 Operator : TP/IZ
 Sample : G2044-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-61DMS

Quant Time: May 01 23:29:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	72964	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	304642	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	142060	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	287118	20.00	ng	0.00
75) Chrysene-d12	16.29	240	314822	20.00	ng	0.00
86) Perylene-d12	18.11	264	307384	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	617283	145.63	ng	0.00
7) Phenol-d6	6.91	99	842353	150.34	ng	0.01
23) Nitrobenzene-d5	8.04	82	441890	83.36	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	238339	155.09	ng	0.00
44) 2-Fluorobiphenyl	10.29	172	922363	90.46	ng	0.00
78) Terphenyl-d14	14.96	244	1087997	82.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	72076	39.11	ng	# 27
3) Pyridine	3.10	79	211458	39.21	ng	96
4) n-Nitrosodimethylamine	3.02	42	112999m	48.90	ng	
6) Aniline	6.95	93	283349	35.83	ng	100
8) 2-Chlorophenol	7.08	128	231553	48.16	ng	97
9) Benzaldehyde	6.81	77	17790	4.71	ng	96
10) Phenol	6.92	94	342832	52.75	ng	96
11) bis(2-Chloroethyl)ether	7.05	93	216628	45.46	ng	86
12) 1,3-Dichlorobenzene	7.28	146	235871	43.65	ng	99
13) 1,4-Dichlorobenzene	7.38	146	248433	44.67	ng	98
14) 1,2-Dichlorobenzene	7.56	146	241040	46.56	ng	99
15) Benzyl Alcohol	7.53	79	192517	46.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	342159	46.94	ng	99
17) 2-Methylphenol	7.68	107	188918	48.83	ng	95
18) Hexachloroethane	7.99	117	84211	43.96	ng	97
19) n-Nitroso-di-n-propylamine	7.87	70	180114	47.59	ng	# 84
20) 3+4-Methylphenols	7.86	107	256393	49.74	ng	92
22) Acetophenone	7.86	105	330385	48.00	ng	# 95
24) Nitrobenzene	8.07	77	234474	44.63	ng	99
25) Isophorone	8.36	82	454914	46.29	ng	98
26) 2-Nitrophenol	8.47	139	106424	48.94	ng	96
27) 2,4-Dimethylphenol	8.52	122	217868	50.06	ng	94
28) bis(2-Chloroethoxy)methane	8.65	93	287521	47.46	ng	100
29) 2,4-Dichlorophenol	8.75	162	190902	49.33	ng	95
30) 1,2,4-Trichlorobenzene	8.87	180	197646	46.50	ng	97
31) Naphthalene	8.96	128	655908	45.19	ng	99
32) Benzoic acid	8.58	122	30417	16.00	ng	98
33) 4-Chloroaniline	9.03	127	201527	32.81	ng	97
34) Hexachlorobutadiene	9.12	225	105240	42.99	ng	99
35) Caprolactam	9.45	113	61521	49.17	ng	# 84
36) 4-Chloro-3-methylphenol	9.63	107	218669	53.80	ng	93
37) 2-Methylnaphthalene	9.82	142	458268	45.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	182148	45.53	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	188431	93.66	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	10.17	196	139175	50.60	nq	95
43) 2,4,5-Trichlorophenol	10.22	196	142081	51.09	nq #	90
45) 1,1'-Biphenyl	10.40	154	541507	47.95	nq	98
46) 2-Chloronaphthalene	10.42	162	413789	46.97	nq	99
47) 2-Nitroaniline	10.55	65	125011	48.98	nq	97
48) Acenaphthylene	10.94	152	695983	48.12	nq	100
49) Dimethylphthalate	10.79	163	595467	57.11	nq	98
50) 2,6-Dinitrotoluene	10.86	165	100738	48.96	nq	88
51) Acenaphthene	11.15	154	416345	48.27	nq	98
52) 3-Nitroaniline	11.06	138	112133	43.63	nq #	88
53) 2,4-Dinitrophenol	11.20	184	47703	63.68	nq #	72
54) Dibenzofuran	11.37	168	612350	49.15	nq	99
55) 4-Nitrophenol	11.27	139	225124	110.66	nq	90
56) 2,4-Dinitrotoluene	11.36	165	146141	53.73	nq #	67
57) Fluorene	11.79	166	484561	47.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	117582	51.74	nq #	100
59) Diethylphthalate	11.67	149	512608	49.63	nq	98
60) 4-Chlorophenyl-phenylether	11.81	204	221222	48.76	nq	98
61) 4-Nitroaniline	11.82	138	121162	47.12	nq	94
62) Azobenzene	12.00	77	518466	50.94	nq	98
64) 4,6-Dinitro-2-methylphenol	11.86	198	53920	45.87	nq #	59
65) n-Nitrosodiphenylamine	11.95	169	436184	45.62	nq	99
66) 4-Bromophenyl-phenylether	12.41	248	140501	46.95	nq	97
67) Hexachlorobenzene	12.47	284	150950	44.13	nq	98
68) Atrazine	12.62	200	139281	50.09	nq	98
69) Pentachlorophenol	12.72	266	173897	86.30	nq	98
70) Phenanthrene	12.99	178	722361	44.97	nq	99
71) Anthracene	13.05	178	709280	45.01	nq	100
72) Carbazole	13.26	167	722467	48.10	nq	99
73) Di-n-butylphthalate	13.70	149	853248	47.37	nq	99
74) Fluoranthene	14.47	202	762681	45.57	nq	99
76) Benzidine	14.65	184	380133	44.80	nq	98
77) Pyrene	14.75	202	828160	45.65	nq	99
79) Butylbenzylphthalate	15.59	149	388400	48.98	nq #	78
80) Benzo(a)anthracene	16.27	228	762589	44.23	nq	100
81) 3,3'-Dichlorobenzidine	16.25	252	275304	44.83	nq	99
82) Chrysene	16.32	228	718306	43.32	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	620849	51.69	nq	99
84) Di-n-octyl phthalate	17.17	149	992904	46.94	nq #	100
85) Indeno(1,2,3-cd)pyrene	19.63	276	918347	43.47	nq #	100
87) Benzo(b)fluoranthene	17.65	252	765001	45.47	nq #	97
88) Benzo(k)fluoranthene	17.68	252	756792	46.46	nq #	97
89) Benzo(a)pyrene	18.05	252	735563	47.48	nq #	95
90) Dibenzo(a,h)anthracene	19.67	278	737888	44.82	nq	99
91) Benzo(g,h,i)perylene	20.09	276	745888	45.20	nq	99

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

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