

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
 Data File : BF091165.D
 Acq On : 14 Nov 2016 15:37
 Operator : UM/SJ
 Sample : PB94712BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BSD

Quant Time: Nov 15 00:33:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	182093	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	786858	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	425859	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	656501	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	556657	20.00	ng	-0.03
86) Perylene-d12	15.15	264	479748	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1273228	115.48	ng	-0.01
7) Phenol-d6	6.29	99	1717076	114.74	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1107472	76.78	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	461831	119.96	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1898268	76.74	ng	-0.03
78) Terphenyl-d14	12.74	244	1999184	89.62	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	174737	27.71	ng	# 96
3) Pyridine	2.82	79	440409	29.85	ng	96
4) n-Nitrosodimethylamine	2.77	42	211629	36.26	ng	92
6) Aniline	6.30	93	385973	21.87	ng	# 34
8) 2-Chlorophenol	6.42	128	513594	39.05	ng	99
9) Benzaldehyde	6.19	77	39755	4.79	ng	98
10) Phenol	6.30	94	529176	31.95	ng	86
11) bis(2-Chloroethyl)ether	6.38	93	547676	39.24	ng	87
12) 1,3-Dichlorobenzene	6.57	146	518978m	39.02	ng	
13) 1,4-Dichlorobenzene	6.65	146	534947m	37.48	ng	
14) 1,2-Dichlorobenzene	6.81	146	529195	40.40	ng	97
15) Benzyl Alcohol	6.80	79	409425	38.79	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	652718	32.66	ng	# 34
17) 2-Methylphenol	6.92	107	421130	40.45	ng	95
18) Hexachloroethane	7.14	117	204288	36.99	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	412670	39.79	ng	# 88
20) 3+4-Methylphenols	7.07	107	553343	44.26	ng	88
22) Acetophenone	7.06	105	734180	40.52	ng	94
24) Nitrobenzene	7.23	77	599511	37.63	ng	97
25) Isophorone	7.47	82	1085687	39.06	ng	99
26) 2-Nitrophenol	7.55	139	283259	42.02	ng	# 69
27) 2,4-Dimethylphenol	7.60	122	441652	39.61	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	659754	43.45	ng	99
29) 2,4-Dichlorophenol	7.79	162	404601	41.58	ng	94
30) 1,2,4-Trichlorobenzene	7.87	180	456367	41.71	ng	99
31) Naphthalene	7.95	128	1466346	38.97	ng	99
32) Benzoic acid	7.76	122	257642	31.56	ng	97
33) 4-Chloroaniline	8.01	127	201534	12.88	ng	# 94
34) Hexachlorobutadiene	8.06	225	246951	41.82	ng	99
35) Caprolactam	8.38	113	137317m	44.92	ng	
36) 4-Chloro-3-methylphenol	8.51	107	504363	42.82	ng	96
37) 2-Methylnaphthalene	8.64	142	943294	38.99	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	470674	43.35	ng	99
40) Hexachlorocyclopentadiene	8.80	237	368059	86.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	277252	39.56	nq	100
43) 2,4,5-Trichlorophenol	8.98	196	306483	41.65	nq	# 94
45) 1,1'-Biphenyl	9.10	154	1243758	40.00	nq	98
46) 2-Chloronaphthalene	9.13	162	999294	42.33	nq	97
47) 2-Nitroaniline	9.23	65	318685	36.37	nq	95
48) Acenaphthylene	9.54	152	1467266	39.88	nq	99
49) Dimethylphthalate	9.41	163	1077191	38.57	nq	100
50) 2,6-Dinitrotoluene	9.48	165	250381	41.84	nq	# 49
51) Acenaphthene	9.71	154	915678	39.64	nq	99
52) 3-Nitroaniline	9.64	138	135583	19.11	nq	96
53) 2,4-Dinitrophenol	9.76	184	231888	71.83	nq	# 70
54) Dibenzofuran	9.88	168	1286052	41.36	nq	97
55) 4-Nitrophenol	9.84	139	356276	75.71	nq	# 72
56) 2,4-Dinitrotoluene	9.88	165	319021	41.90	nq	# 82
57) Fluorene	10.22	166	1100612	43.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	279180	48.42	nq	96
59) Diethylphthalate	10.11	149	1106338	38.64	nq	98
60) 4-Chlorophenyl-phenylether	10.21	204	457344	39.54	nq	# 78
61) 4-Nitroaniline	10.26	138	256483	35.73	nq	93
62) Azobenzene	10.37	77	1263575	37.49	nq	87
64) 4,6-Dinitro-2-methylphenol	10.29	198	186463	46.38	nq	74
65) n-Nitrosodiphenylamine	10.34	169	877360	42.05	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	323854	47.43	nq	# 78
67) Hexachlorobenzene	10.77	284	349860	46.45	nq	# 78
68) Atrazine	10.88	200	301511	50.09	nq	98
69) Pentachlorophenol	10.97	266	305991	91.73	nq	98
70) Phenanthrene	11.17	178	1366255	39.15	nq	100
71) Anthracene	11.23	178	1507156	40.62	nq	100
72) Carbazole	11.39	167	1288182	38.53	nq	98
73) Di-n-butylphthalate	11.72	149	1634377	38.87	nq	99
74) Fluoranthene	12.36	202	1579219	43.63	nq	92
76) Benzidine	12.49	184	521524	41.94	nq	97
77) Pyrene	12.59	202	1551635	42.56	nq	98
79) Butylbenzylphthalate	13.22	149	771660	44.25	nq	# 73
80) Benzo(a)anthracene	13.77	228	1330674	42.10	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	255448	23.01	nq	99
82) Chrysene	13.81	228	1419356	45.54	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	944643	40.03	nq	# 94
84) Di-n-octyl phthalate	14.39	149	1594930	41.11	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1125083	43.51	nq	96
87) Benzo(b)fluoranthene	14.77	252	1184788m	36.41	nq	
88) Benzo(k)fluoranthene	14.81	252	1346299m	47.17	nq	
89) Benzo(a)pyrene	15.09	252	1129192	39.86	nq	# 97
90) Dibenzo(a,h)anthracene	16.43	278	956874	39.08	nq	99
91) Benzo(g,h,i)perylene	16.80	276	883338	39.89	nq	98

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

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