

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091206.D
 Acq On : 16 Nov 2016 23:34
 Operator : UM/SJ
 Sample : H5657-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 01:07:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	189446	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	834789	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	458285	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	688484	20.00	ng	0.00
75) Chrysene-d12	13.78	240	534190	20.00	ng	0.00
86) Perylene-d12	15.15	264	400205	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1616213	140.90	ng	0.02
7) Phenol-d6	6.28	99	2061708	132.42	ng	0.00
23) Nitrobenzene-d5	7.20	82	1347197	88.03	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	581773	140.42	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	2377002	89.30	ng	0.00
78) Terphenyl-d14	12.73	244	2128714	99.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	207502	31.62	ng	95
3) Pyridine	2.78	79	456144	29.72	ng	95
4) n-Nitrosodimethylamine	2.75	42	241336	39.75	ng	83
6) Aniline	6.29	93	484865	26.40	ng	# 50
8) 2-Chlorophenol	6.41	128	596197	43.57	ng	93
9) Benzaldehyde	6.18	77	48546	5.62	ng	94
10) Phenol	6.30	94	688105	39.93	ng	# 56
11) bis(2-Chloroethyl)ether	6.37	93	634614	43.71	ng	87
12) 1,3-Dichlorobenzene	6.56	146	599703m	43.34	ng	
13) 1,4-Dichlorobenzene	6.64	146	639545	43.07	ng	96
14) 1,2-Dichlorobenzene	6.80	146	555447	40.76	ng	95
15) Benzyl Alcohol	6.78	79	494292	45.01	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.91	45	733073	35.26	ng	# 33
17) 2-Methylphenol	6.91	107	498571	46.03	ng	94
18) Hexachloroethane	7.13	117	236031	41.08	ng	91
19) n-Nitroso-di-n-propylamine	7.06	70	480880	44.57	ng	# 91
20) 3+4-Methylphenols	7.06	107	644847	49.58	ng	89
22) Acetophenone	7.05	105	864993	45.00	ng	# 94
24) Nitrobenzene	7.22	77	710175	42.02	ng	97
25) Isophorone	7.46	82	1274683	43.23	ng	99
26) 2-Nitrophenol	7.54	139	332225	46.45	ng	# 70
27) 2,4-Dimethylphenol	7.58	122	536507	45.36	ng	98
28) bis(2-Chloroethoxy)methane	7.68	93	784932	48.72	ng	99
29) 2,4-Dichlorophenol	7.78	162	485468	47.03	ng	96
30) 1,2,4-Trichlorobenzene	7.86	180	536735	46.24	ng	99
31) Naphthalene	7.93	128	1705917	42.73	ng	99
32) Benzoic acid	7.73	122	156398	20.23	ng	98
33) 4-Chloroaniline	8.00	127	330446	19.90	ng	98
34) Hexachlorobutadiene	8.05	225	300381	47.95	ng	99
35) Caprolactam	8.38	113	156818m	48.35	ng	
36) 4-Chloro-3-methylphenol	8.50	107	551407	44.12	ng	93
37) 2-Methylnaphthalene	8.62	142	1113768	43.40	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	553251	47.35	ng	99
40) Hexachlorocyclopentadiene	8.78	237	425799	92.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	330654	43.84	ng	95
43) 2,4,5-Trichlorophenol	8.97	196	377327	47.65	ng	97
45) 1,1'-Biphenyl	9.09	154	1418271	42.38	ng	98
46) 2-Chloronaphthalene	9.12	162	1133192	44.60	ng	97
47) 2-Nitroaniline	9.22	65	358751	38.05	ng	94
48) Acenaphthylene	9.53	152	1622627	40.98	ng	99
49) Dimethylphthalate	9.40	163	1669802	55.57	ng	100
50) 2,6-Dinitrotoluene	9.47	165	315065	48.92	ng	# 65
51) Acenaphthene	9.70	154	1033078	41.56	ng	99
52) 3-Nitroaniline	9.63	138	182909	23.95	ng	94
53) 2,4-Dinitrophenol	9.76	184	176138	52.54	ng	93
54) Dibenzofuran	9.87	168	1398532	41.80	ng	98
55) 4-Nitrophenol	9.82	139	335367	66.95	ng	87
56) 2,4-Dinitrotoluene	9.87	165	324405	39.59	ng	# 70
57) Fluorene	10.21	166	1144964	41.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	298639	48.13	ng	98
59) Diethylphthalate	10.10	149	1252976	40.67	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	515250	41.39	ng	# 75
61) 4-Nitroaniline	10.26	138	287195	37.17	ng	92
62) Azobenzene	10.36	77	1413888	38.98	ng	85
64) 4,6-Dinitro-2-methylphenol	10.28	198	168483	39.96	ng	# 49
65) n-Nitrosodiphenylamine	10.33	169	1021914	46.70	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	342811	47.87	ng	# 81
67) Hexachlorobenzene	10.76	284	411982	52.16	ng	# 83
68) Atrazine	10.86	200	272253	43.12	ng	99
69) Pentachlorophenol	10.96	266	317748	90.83	ng	98
70) Phenanthrene	11.17	178	1616333	44.16	ng	99
71) Anthracene	11.22	178	1514700	38.93	ng	99
72) Carbazole	11.38	167	1301208	37.11	ng	99
73) Di-n-butylphthalate	11.72	149	1848065	41.91	ng	99
74) Fluoranthene	12.35	202	1488813	39.22	ng	95
76) Benzidine	12.49	184	396463	33.22	ng	97
77) Pyrene	12.58	202	1617560	46.24	ng	100
79) Butylbenzylphthalate	13.21	149	723531	43.24	ng	# 89
80) Benzo(a)anthracene	13.77	228	1376247	45.38	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	292567	27.46	ng	# 96
82) Chrysene	13.80	228	1147096	38.36	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	980757	43.31	ng	# 92
84) Di-n-octyl phthalate	14.39	149	1639739	44.04	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	1001633	40.37	ng	96
87) Benzo(b)fluoranthene	14.77	252	1148772m	42.32	ng	
88) Benzo(k)fluoranthene	14.80	252	1043162m	43.81	ng	
89) Benzo(a)pyrene	15.09	252	1014910	42.95	ng	100
90) Dibenzo(a,h)anthracene	16.42	278	848753	41.55	ng	99
91) Benzo(g,h,i)perylene	16.80	276	801136	43.37	ng	# 92

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

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