

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080909.D
 Acq On : 7 Aug 2015 2:41
 Operator : TP/UM
 Sample : G3196-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:48 AM

Quant Time: Aug 07 05:38:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	62620	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	252183	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	116680	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	244657	20.00	ng	0.01
75) Chrysene-d12	13.96	240	203330	20.00	ng	0.00
86) Perylene-d12	15.36	264	166174	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	238694	60.77	ng	0.00
7) Phenol-d6	6.44	99	230492	42.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	434235	81.12	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	144188	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	665924	81.35	ng	0.00
78) Terphenyl-d14	12.91	244	662435	68.69	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	29297	15.40	ng	98
3) Pyridine	3.10	79	67385	12.59	ng	98
4) n-Nitrosodimethylamine	3.02	42	47337	17.10	ng	96
6) Aniline	6.46	93	145281	18.11	ng	100
8) 2-Chlorophenol	6.59	128	148784	33.36	ng	100
9) Benzaldehyde	6.35	77	37919	10.18	ng	93
10) Phenol	6.45	94	94714	14.60	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	181644	39.54	ng	97
12) 1,3-Dichlorobenzene	6.75	146	170422	35.23	ng	98
13) 1,4-Dichlorobenzene	6.83	146	171153	34.74	ng	99
14) 1,2-Dichlorobenzene	6.98	146	156918	34.75	ng	100
15) Benzyl Alcohol	6.96	79	127873	29.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	359567	38.14	ng	99
17) 2-Methylphenol	7.07	107	111650	27.93	ng	98
18) Hexachloroethane	7.32	117	62694	33.51	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	146931	38.16	ng	100
20) 3+4-Methylphenols	7.22	107	120852	24.94	ng	# 42
22) Acetophenone	7.22	105	256229	40.63	ng	# 88
24) Nitrobenzene	7.39	77	203252	37.26	ng	100
25) Isophorone	7.64	82	427546	41.67	ng	99
26) 2-Nitrophenol	7.71	139	85271	37.24	ng	98
27) 2,4-Dimethylphenol	7.76	122	165278	37.62	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	232978	38.31	ng	99
29) 2,4-Dichlorophenol	7.95	162	131759	37.62	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	150425	38.74	ng	99
31) Naphthalene	8.12	128	543144	39.69	ng	100
32) Benzoic acid	7.85	122	43874	15.70	ng	98
33) 4-Chloroaniline	8.17	127	125884	22.26	ng	97
34) Hexachlorobutadiene	8.24	225	79323	35.90	ng	99
35) Caprolactam	8.56	113	11964	9.15	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	157393	37.31	ng	98
37) 2-Methylnaphthalene	8.81	142	334896	39.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	153893	43.30	ng	98
40) Hexachlorocyclopentadiene	8.97	237	183601	90.03	ng	99

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42) 2,4,6-Trichlorophenol	9.08	196	99894	38.10	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	105250	39.59	nq #	85
45) 1,1'-Biphenyl	9.28	154	460412	46.64	nq	99
46) 2-Chloronaphthalene	9.30	162	340841	44.16	nq	98
47) 2-Nitroaniline	9.39	65	123938	39.48	nq	96
48) Acenaphthylene	9.71	152	524255	38.73	nq	99
49) Dimethylphthalate	9.58	163	449285	48.49	nq #	99
50) 2,6-Dinitrotoluene	9.64	165	94942	47.78	nq #	67
51) Acenaphthene	9.88	154	371229	45.13	nq	99
52) 3-Nitroaniline	9.80	138	59949	24.40	nq	96
53) 2,4-Dinitrophenol	9.92	184	110539	101.53	nq #	70
54) Dibenzofuran	10.05	168	445616	40.00	nq	98
55) 4-Nitrophenol	9.97	139	69597	37.54	nq	96
56) 2,4-Dinitrotoluene	10.04	165	132091	49.42	nq #	75
57) Fluorene	10.40	166	349946	40.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	87713	41.35	nq #	98
59) Diethylphthalate	10.28	149	456670	45.24	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	177840	43.53	nq #	76
61) 4-Nitroaniline	10.42	138	93743	37.20	nq	85
62) Azobenzene	10.54	77	477360	43.16	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	57361	35.99	nq #	70
65) n-Nitrosodiphenylamine	10.51	169	322763	37.03	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	97811	36.78	nq	93
67) Hexachlorobenzene	10.94	284	121658	42.31	nq #	93
68) Atrazine	11.05	200	110081	43.74	nq	97
69) Pentachlorophenol	11.14	266	136160	84.49	nq	99
70) Phenanthrene	11.36	178	589414	41.17	nq	99
71) Anthracene	11.40	178	532091	37.76	nq	99
72) Carbazole	11.56	167	556648	39.11	nq	98
73) Di-n-butylphthalate	11.89	149	689627	39.74	nq	99
74) Fluoranthene	12.53	202	585444	37.40	nq	100
77) Pyrene	12.76	202	581032	38.45	nq	100
79) Butylbenzylphthalate	13.39	149	332810	46.04	nq	97
80) Benzo(a)anthracene	13.95	228	500339	37.67	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	58755	11.81	nq	98
82) Chrysene	13.99	228	478239	37.67	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	445437	44.96	nq	99
84) Di-n-octyl phthalate	14.56	149	738556	42.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	439891	35.58	nq	99
87) Benzo(b)fluoranthene	14.97	252	525707m	45.05	nq	
88) Benzo(k)fluoranthene	14.99	252	395752m	40.25	nq	
89) Benzo(a)pyrene	15.31	252	461580	45.90	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	364717	42.07	nq	99
91) Benzo(g,h,i)perylene	17.13	276	367371	43.72	nq	100

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

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