

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076904.D
 Acq On : 16 Jan 2015 4:43
 Operator : IZ / TP
 Sample : G1076-11MSD
 Misc : S
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Quant Time: Jan 16 11:41:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39103	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	160718	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	85969	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	143809	20.00	ng	0.00
75) Chrysene-d12	21.32	240	139715	20.00	ng	0.01
86) Perylene-d12	22.97	264	126188	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	243690	102.46	ng	0.01
7) Phenol-d6	7.42	99	286027	95.33	ng	0.00
23) Nitrobenzene-d5	9.32	82	203103	70.01	ng	0.00
41) 2,4,6-Tribromophenol	16.73	330	75176	107.73	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	401456	71.06	ng	0.00
78) Terphenyl-d14	20.04	244	401989	66.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.36	88	26248	25.77	ng	# 54
3) Pyridine	1.85	79	59583	22.61	ng	97
4) n-Nitrosodimethylamine	1.80	42	37582	28.79	ng	92
6) Aniline	7.33	93	15427	3.72	ng	# 88
8) 2-Chlorophenol	7.56	128	87397	31.88	ng	95
9) Benzaldehyde	7.03	77	23681	11.92	ng	92
10) Phenol	7.44	94	95711	30.04	ng	88
11) bis(2-Chloroethyl)ether	7.56	93	85257	34.20	ng	95
12) 1,3-Dichlorobenzene	7.88	146	95833	30.72	ng	98
13) 1,4-Dichlorobenzene	8.06	146	99727	30.15	ng	96
14) 1,2-Dichlorobenzene	8.38	146	94992	31.17	ng	100
15) Benzyl Alcohol	8.45	79	79070	32.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.80	45	109403	32.65	ng	92
17) 2-Methylphenol	8.80	107	68635	30.63	ng	97
18) Hexachloroethane	9.12	117	35945	31.24	ng	90
19) n-Nitroso-di-n-propylamine	9.09	70	66060	31.45	ng	98
20) 3+4-Methylphenols	9.18	107	87516	29.50	ng	94
22) Acetophenone	9.01	105	135449	34.41	ng	97
24) Nitrobenzene	9.36	77	98806	33.43	ng	99
25) Isophorone	9.96	82	177180	33.54	ng	98
26) 2-Nitrophenol	10.09	139	47164	31.78	ng	# 86
27) 2,4-Dimethylphenol	10.37	122	77825	34.06	ng	94
28) bis(2-Chloroethoxy)methane	10.57	93	104940	34.95	ng	98
29) 2,4-Dichlorophenol	10.70	162	74770	35.10	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	80126	33.87	ng	94
31) Naphthalene	10.97	128	268673	32.47	ng	99
32) Benzoic acid	10.71	122	39126m	30.90	ng	
33) 4-Chloroaniline	11.23	127	13459	4.03	ng	94
34) Hexachlorobutadiene	11.34	225	43682	31.12	ng	92
35) Caprolactam	12.05	113	17438	27.81	ng	# 77
36) 4-Chloro-3-methylphenol	12.52	107	85061	34.88	ng	96
37) 2-Methylnaphthalene	12.63	142	189227	33.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	74107	34.87	ng	97
40) Hexachlorocyclopentadiene	13.03	237	60697	54.59	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	52374	33.82	nq	92
43) 2,4,5-Trichlorophenol	13.48	196	54482	34.49	nq	96
45) 1,1'-Biphenyl	13.80	154	222778	34.96	nq	97
46) 2-Chloronaphthalene	13.77	162	178870	34.11	nq	98
47) 2-Nitroaniline	14.11	65	53756	33.79	nq	89
48) Acenaphthylene	14.72	152	289178	32.69	nq	99
49) Dimethylphthalate	14.67	163	213636	35.04	nq	100
50) 2,6-Dinitrotoluene	14.76	165	43928	36.06	nq	94
51) Acenaphthene	15.15	154	162893	32.45	nq	96
52) 3-Nitroaniline	15.10	138	8853	7.17	nq	84
53) 2,4-Dinitrophenol	15.39	184	24304	48.02	nq	87
54) Dibenzofuran	15.57	168	251054	34.34	nq	99
55) 4-Nitrophenol	15.68	139	59077	61.82	nq	99
56) 2,4-Dinitrotoluene	15.68	165	62602	34.89	nq	# 86
57) Fluorene	16.28	166	208698	33.69	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.90	232	41018	35.67	nq	# 95
59) Diethylphthalate	16.27	149	219764	35.67	nq	100
60) 4-Chlorophenyl-phenylether	16.36	204	88773	35.03	nq	96
61) 4-Nitroaniline	16.40	138	36353	24.40	nq	92
62) Azobenzene	16.64	77	213634	33.28	nq	99
64) 4,6-Dinitro-2-methylphenol	16.48	198	21052	24.52	nq	91
65) n-Nitrosodiphenylamine	16.60	169	170812	33.31	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	51487	35.34	nq	97
67) Hexachlorobenzene	17.21	284	52186	33.99	nq	97
68) Atrazine	17.56	200	58770	37.77	nq	99
69) Pentachlorophenol	17.57	266	42166	61.61	nq	99
70) Phenanthrene	17.85	178	297549	33.18	nq	99
71) Anthracene	17.93	178	302766	34.62	nq	97
72) Carbazole	18.21	167	284386	33.53	nq	98
73) Di-n-butylphthalate	18.79	149	349271	35.57	nq	99
74) Fluoranthene	19.49	202	306290	33.33	nq	99
76) Benzidine	19.73	184	22829	5.11	nq	99
77) Pyrene	19.77	202	316181	33.02	nq	99
79) Butylbenzylphthalate	20.70	149	157624	36.35	nq	96
80) Benzo(a)anthracene	21.31	228	295555	33.72	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	39492	14.18	nq	# 99
82) Chrysene	21.34	228	252328	31.56	nq	98
83) Bis(2-ethylhexyl)phthalate	21.44	149	216646	36.11	nq	96
84) Di-n-octyl phthalate	22.21	149	365983	35.15	nq	98
85) Indeno(1,2,3-cd)pyrene	24.12	276	306050m	36.13	nq	
87) Benzo(b)fluoranthene	22.56	252	286478	33.71	nq	# 95
88) Benzo(k)fluoranthene	22.59	252	254154m	34.23	nq	
89) Benzo(a)pyrene	22.92	252	268203	35.78	nq	99
90) Dibenzo(a,h)anthracene	24.14	278	243519	35.40	nq	# 94
91) Benzo(g,h,i)perylene	24.41	276	250605	36.65	nq	# 94

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

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