

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111005.D
 Acq On : 27 Nov 2018 13:10
 Operator : JU/SJ
 Sample : J6028-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Quant Time: Nov 27 15:27:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:20:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49427	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	176931	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	71301	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	134945	20.00	ng	0.00
76) Chrysene-d12	14.14	240	103874	20.00	ng	0.00
87) Perylene-d12	15.68	264	75868	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	429082	143.96	ng	0.02
7) Phenol-d6	6.57	99	512718	132.00	ng	0.00
23) Nitrobenzene-d5	7.51	82	314097	101.60	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	102796	145.17	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	514226	104.49	ng	0.00
79) Terphenyl-d14	13.06	244	516355	96.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	41757	29.242	ng	# 84
3) Pyridine	3.59	79	118282	37.828	ng	88
4) n-Nitrosodimethylamine	3.54	42	67272	47.017	ng	86
6) Aniline	6.61	93	120196	25.032	ng	# 57
8) 2-Chlorophenol	6.73	128	140832	39.870	ng	97
9) Benzaldehyde	6.50	77	52329	22.163	ng	95
10) Phenol	6.59	94	195490	44.691	ng	# 70
11) bis(2-Chloroethyl)ether	6.67	93	129986	39.444	ng	94
12) 1,3-Dichlorobenzene	6.88	146	148045	38.151	ng	98
13) 1,4-Dichlorobenzene	6.96	146	150038	37.599	ng	97
14) 1,2-Dichlorobenzene	7.11	146	141506	37.676	ng	99
15) Benzyl Alcohol	7.09	79	116904	39.164	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	198110	37.774	ng	87
17) 2-Methylphenol	7.19	107	109202	38.882	ng	# 87
18) Hexachloroethane	7.45	117	48091	32.762	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	94834	37.482	ng	95
20) 3+4-Methylphenols	7.35	107	140668	37.678	ng	# 41
22) Acetophenone	7.35	105	192030	46.303	ng	# 92
24) Nitrobenzene	7.53	77	138823	43.180	ng	97
25) Isophorone	7.76	82	243154	47.948	ng	98
26) 2-Nitrophenol	7.85	139	63953	40.945	ng	95
27) 2,4-Dimethylphenol	7.87	122	117797	49.940	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	154839	45.576	ng	100
29) 2,4-Dichlorophenol	8.09	162	102510	41.531	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	113954	41.195	ng	97
31) Naphthalene	8.25	128	378446	45.631	ng	99
33) 4-Chloroaniline	8.30	127	69280	19.626	ng	98
34) Hexachlorobutadiene	8.35	225	64649	41.033	ng	98
35) Caprolactam	8.66	113	30088	35.705	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	106578	38.861	ng	97
37) 2-Methylnaphthalene	8.93	142	240176	43.843	ng	99
38) 1-Methylnaphthalene	9.03	142	223502	41.945	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	100008	44.588	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	63605	47.481	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	63988	45.365	nq	95
46) 1,1'-Biphenyl	9.40	154	276956	42.132	nq	99
47) 2-Chloronaphthalene	9.43	162	204821	42.974	nq	97
48) 2-Nitroaniline	9.53	65	68677	46.067	nq	98
49) Acenaphthylene	9.85	152	315400	46.537	nq	99
50) Dimethylphthalate	9.69	163	306705	58.652	nq	99
51) 2,6-Dinitrotoluene	9.77	165	48378	41.557	nq	91
52) Acenaphthene	10.02	154	190519	43.850	nq	98
53) 3-Nitroaniline	9.95	138	48701	35.894	nq	91
54) 2,4-Dinitrophenol	10.09	184	1366	6.884	nq	# 79
55) Dibenzofuran	10.19	168	274021	43.231	nq	97
56) 4-Nitrophenol	10.12	139	64765	85.555	nq	97
57) 2,4-Dinitrotoluene	10.19	165	61206	40.524	nq	94
58) Fluorene	10.53	166	221895	44.995	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	53617	46.318	nq	93
60) Diethylphthalate	10.39	149	236510	43.859	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	102330	39.671	nq	93
62) 4-Nitroaniline	10.57	138	54566	43.193	nq	97
63) Azobenzene	10.68	77	209870	39.929	nq	98
65) 4,6-Dinitro-2-methylphenol	10.61	198	3417	5.353	nq	# 64
66) n-Nitrosodiphenylamine	10.64	169	191124	42.545	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	59258	40.321	nq	# 88
68) Hexachlorobenzene	11.09	284	62373	39.845	nq	# 91
69) Atrazine	11.16	200	61010	52.773	nq	95
70) Pentachlorophenol	11.29	266	52899	84.938	nq	99
71) Phenanthrene	11.50	178	379962	53.163	nq	100
72) Anthracene	11.56	178	360867	49.580	nq	98
73) Carbazole	11.72	167	305161	43.195	nq	100
74) Di-n-butylphthalate	12.02	149	372647	45.115	nq	98
75) Fluoranthene	12.70	202	482676	65.709	nq	99
77) Benzidine	12.82	184	118722	44.685	nq	97
78) Pyrene	12.94	202	481120	63.416	nq	98
80) Butylbenzylphthalate	13.53	149	176860	51.634	nq	95
81) Benzo(a)anthracene	14.13	228	337979	55.112	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	81343	38.683	nq	97
83) Chrysene	14.17	228	311554	51.607	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	232877	51.024	nq	97
85) Di-n-octyl phthalate	14.69	149	362926	50.375	nq	99
86) Indeno(1,2,3-cd)pyrene	17.28	276	212259	48.983	nq	99
88) Benzo(b)fluoranthene	15.22	252	242150	54.331	nq	99
89) Benzo(k)fluoranthene	15.25	252	218765	47.687	nq	97
90) Benzo(a)pyrene	15.62	252	216917	52.286	nq	99
91) Dibenzo(a,h)anthracene	17.28	278	165624	48.386	nq	98
92) Benzo(g,h,i)perylene	17.77	276	179030	54.245	nq	98

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

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