

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103920.D
 Acq On : 26 Mar 2018 12:39
 Operator : JU/SJ
 Sample : J1867-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19013071MSD

Quant Time: Mar 27 07:19:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151775	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	615537	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	294668	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	519939	20.00	ng	0.00
75) Chrysene-d12	14.17	240	397576	20.00	ng	0.00
86) Perylene-d12	15.72	264	346787	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	705516	70.70	ng	0.01
7) Phenol-d6	6.60	99	583262	47.78	ng	0.00
23) Nitrobenzene-d5	7.55	82	1029872	116.68	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	407069	160.67	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1717281	92.96	ng	0.00
78) Terphenyl-d14	13.10	244	1672493	97.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	89655	18.247	ng	92
3) Pyridine	3.66	79	203386	15.049	ng	87
4) n-Nitrosodimethylamine	3.62	42	95655	19.196	ng	# 79
6) Aniline	6.64	93	370872	21.275	ng	97
8) 2-Chlorophenol	6.76	128	422757	40.443	ng	95
9) Benzaldehyde	6.53	77	242000	30.173	ng	99
10) Phenol	6.61	94	225519	17.384	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	477244	44.564	ng	93
12) 1,3-Dichlorobenzene	6.92	146	479128	40.244	ng	98
13) 1,4-Dichlorobenzene	6.99	146	482703	40.348	ng	100
14) 1,2-Dichlorobenzene	7.15	146	449244	40.467	ng	99
15) Benzyl Alcohol	7.11	79	299320	31.644	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	634190	41.636	ng	93
17) 2-Methylphenol	7.22	107	307145	32.995	ng	98
18) Hexachloroethane	7.49	117	178769	42.481	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	336953	43.067	ng	93
20) 3+4-Methylphenols	7.37	107	327358	27.710	ng	# 74
22) Acetophenone	7.38	105	670697	42.396	ng	97
24) Nitrobenzene	7.56	77	520952	50.272	ng	96
25) Isophorone	7.80	82	976147	47.773	ng	99
26) 2-Nitrophenol	7.87	139	275051	65.481	ng	93
27) 2,4-Dimethylphenol	7.90	122	406461	46.434	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	627251	50.695	ng	99
29) 2,4-Dichlorophenol	8.12	162	394266	49.507	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	406340	43.991	ng	99
31) Naphthalene	8.28	128	1375416	44.235	ng	99
32) Benzoic acid	7.99	122	75873	19.654	ng	91
33) 4-Chloroaniline	8.32	127	270669	20.749	ng	98
34) Hexachlorobutadiene	8.39	225	210390	41.543	ng	99
35) Caprolactam	8.70	113	65766	23.982	ng	# 83
36) 4-Chloro-3-methylphenol	8.80	107	406778	46.332	ng	96
37) 2-Methylnaphthalene	8.97	142	926654	46.995	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	388363	46.198	ng	99
40) Hexachlorocyclopentadiene	9.12	237	372280	85.822	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	285147	53.030	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	298916	49.253	nq	98
45) 1,1'-Biphenyl	9.44	154	1083399	44.093	nq	98
46) 2-Chloronaphthalene	9.47	162	869808	44.569	nq	97
47) 2-Nitroaniline	9.56	65	279175	53.734	nq	94
48) Acenaphthylene	9.89	152	1323635	43.738	nq	99
49) Dimethylphthalate	9.74	163	1097810	48.831	nq	100
50) 2,6-Dinitrotoluene	9.80	165	238934	54.364	nq	94
51) Acenaphthene	10.06	154	797289	44.370	nq	100
52) 3-Nitroaniline	9.97	138	156457	31.447	nq	93
53) 2,4-Dinitrophenol	10.09	184	242064	125.403	nq	# 22
54) Dibenzofuran	10.23	168	1202871	46.870	nq	98
55) 4-Nitrophenol	10.13	139	183866	46.866	nq	93
56) 2,4-Dinitrotoluene	10.21	165	318501	56.538	nq	98
57) Fluorene	10.57	166	954077	47.909	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	236370	54.965	nq	93
59) Diethylphthalate	10.43	149	992149	44.464	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	427043	46.922	nq	99
61) 4-Nitroaniline	10.60	138	255105	50.631	nq	93
62) Azobenzene	10.72	77	962459	42.426	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	155896	68.224	nq	90
65) n-Nitrosodiphenylamine	10.68	169	839366	47.428	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	266614	49.943	nq	93
67) Hexachlorobenzene	11.12	284	293326	48.142	nq	93
68) Atrazine	11.20	200	272511	49.777	nq	100
69) Pentachlorophenol	11.32	266	304621	86.962	nq	98
70) Phenanthrene	11.54	178	1341256	47.158	nq	99
71) Anthracene	11.59	178	1359033	47.046	nq	99
72) Carbazole	11.75	167	1287697	45.863	nq	99
73) Di-n-butylphthalate	12.06	149	1500654	44.544	nq	99
74) Fluoranthene	12.73	202	1365642	46.606	nq	99
76) Benzidine	12.84	184	306258	18.061	nq	99
77) Pyrene	12.97	202	1368105	46.857	nq	100
79) Butylbenzylphthalate	13.57	149	656463	50.746	nq	97
80) Benzo(a)anthracene	14.16	228	1222336	48.570	nq	100
81) 3,3'-Dichlorobenzidine	14.12	252	275702	32.751	nq	98
82) Chrysene	14.20	228	1139934	47.517	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	854736	46.251	nq	99
84) Di-n-octyl phthalate	14.75	149	1487984	55.345	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.31	276	1066123	50.888	nq	97
87) Benzo(b)fluoranthene	15.26	252	1085153	49.530	nq	99
88) Benzo(k)fluoranthene	15.29	252	1013057	48.102	nq	99
89) Benzo(a)pyrene	15.65	252	991504	49.895	nq	99
90) Dibenzo(a,h)anthracene	17.33	278	876642	50.947	nq	98
91) Benzo(g,h,i)perylene	17.80	276	902937	53.940	nq	96

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

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