

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105093.D
 Acq On : 4 May 2018 00:33
 Operator : JU/SJ
 Sample : J2709-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WAYNEMSD

Quant Time: May 04 04:21:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110057	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	445385	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	184929	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	281736	20.00	ng	0.00
75) Chrysene-d12	14.01	240	182009	20.00	ng	-0.02
86) Perylene-d12	15.56	264	144926	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	926293	128.69	ng	0.01
7) Phenol-d6	6.45	99	1053560	119.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	657307	96.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	232925	121.42	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1127997	96.36	ng	-0.01
78) Terphenyl-d14	12.90	244	837348	104.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	104185	31.065	ng	# 86
3) Pyridine	3.31	79	203125	21.541	ng	# 82
4) n-Nitrosodimethylamine	3.24	42	110265	33.452	ng	# 76
6) Aniline	6.46	93	222719	18.127	ng	# 1
8) 2-Chlorophenol	6.58	128	340115	44.770	ng	92
9) Benzaldehyde	6.33	77	213535	53.487	ng	97
10) Phenol	6.46	94	389052	41.462	ng	79
11) bis(2-Chloroethyl)ether	6.52	93	317289	42.373	ng	93
12) 1,3-Dichlorobenzene	6.72	146	354279	41.164	ng	99
13) 1,4-Dichlorobenzene	6.80	146	369382	43.055	ng	99
14) 1,2-Dichlorobenzene	6.95	146	326010	41.006	ng	99
15) Benzyl Alcohol	6.94	79	247240	36.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	351504	34.954	ng	# 14
17) 2-Methylphenol	7.06	107	270777	41.004	ng	# 87
18) Hexachloroethane	7.29	117	120471	39.384	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	218812	37.864	ng	93
20) 3+4-Methylphenols	7.22	107	364233	44.472	ng	99
22) Acetophenone	7.20	105	471621	43.011	ng	# 93
24) Nitrobenzene	7.37	77	332720	44.182	ng	95
25) Isophorone	7.61	82	601669	41.714	ng	99
26) 2-Nitrophenol	7.69	139	186171	60.726	ng	96
27) 2,4-Dimethylphenol	7.73	122	291072	45.726	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	398362	45.172	ng	99
29) 2,4-Dichlorophenol	7.95	162	286619	47.190	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	290866	43.637	ng	99
31) Naphthalene	8.09	128	934859	42.153	ng	99
32) Benzoic acid	7.89	122	140197	27.603	ng	98
33) 4-Chloroaniline	8.16	127	117720	12.390	ng	99
34) Hexachlorobutadiene	8.19	225	161377	44.200	ng	99
35) Caprolactam	8.53	113	82577	38.973	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	285272	43.803	ng	99
37) 2-Methylnaphthalene	8.78	142	605195	42.187	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	266624	50.366	ng	99
40) Hexachlorocyclopentadiene	8.92	237	44218	14.920	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	178350	48.533	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	178926	43.510	nq	95
45) 1,1'-Biphenyl	9.25	154	710969	45.765	nq	99
46) 2-Chloronaphthalene	9.27	162	546057	44.500	nq	100
47) 2-Nitroaniline	9.39	65	155978	51.400	nq	86
48) Acenaphthylene	9.69	152	768247	39.903	nq	100
49) Dimethylphthalate	9.55	163	752516	51.602	nq	100
50) 2,6-Dinitrotoluene	9.62	165	138539	51.340	nq	94
51) Acenaphthene	9.86	154	459164	39.089	nq	99
52) 3-Nitroaniline	9.80	138	78741	24.925	nq	92
53) 2,4-Dinitrophenol	9.91	184	59722	60.739	nq	# 23
54) Dibenzofuran	10.03	168	658601	40.231	nq	97
55) 4-Nitrophenol	9.99	139	130474	52.578	nq	96
56) 2,4-Dinitrotoluene	10.03	165	158874	44.885	nq	# 94
57) Fluorene	10.37	166	526912	44.221	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	134760	43.925	nq	93
59) Diethylphthalate	10.25	149	616007	42.414	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	257025	48.435	nq	98
61) 4-Nitroaniline	10.42	138	117908	38.172	nq	95
62) Azobenzene	10.53	77	503252	36.268	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	47861	36.889	nq	# 75
65) n-Nitrosodiphenylamine	10.49	169	474588	48.583	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	147221	49.127	nq	# 90
67) Hexachlorobenzene	10.92	284	154043	45.683	nq	94
68) Atrazine	11.02	200	138067	46.825	nq	98
69) Pentachlorophenol	11.13	266	126327	60.557	nq	96
70) Phenanthrene	11.34	178	661819	42.182	nq	99
71) Anthracene	11.39	178	689359	43.223	nq	98
72) Carbazole	11.56	167	612070	39.274	nq	100
73) Di-n-butylphthalate	11.87	149	837919	44.014	nq	100
74) Fluoranthene	12.53	202	618100	37.706	nq	97
76) Benzidine	12.66	184	91641	10.492	nq	97
77) Pyrene	12.76	202	611277	45.310	nq	98
79) Butylbenzylphthalate	13.39	149	302883	47.654	nq	94
80) Benzo(a)anthracene	14.00	228	507545	46.678	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	165001	40.699	nq	98
82) Chrysene	14.04	228	487170	43.619	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	421534	51.562	nq	98
84) Di-n-octyl phthalate	14.65	149	669609	49.019	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	368630	38.854	nq	95
87) Benzo(b)fluoranthene	15.13	252	411147	44.918	nq	99
88) Benzo(k)fluoranthene	15.16	252	404802	46.844	nq	97
89) Benzo(a)pyrene	15.50	252	379124	46.292	nq	99
90) Dibenzo(a,h)anthracene	17.05	278	310411	46.148	nq	96
91) Benzo(g,h,i)perylene	17.49	276	300972	46.184	nq	94

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

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