

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102018.D
 Acq On : 11 Jan 2018 15:05
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 11 15:36:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	187423	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	794434	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	348786	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605064	20.00	ng	0.00
75) Chrysene-d12	13.88	240	426776	20.00	ng	0.00
86) Perylene-d12	15.29	264	359840	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	985215	74.23	ng	0.00
7) Phenol-d6	6.36	99	1188786	75.07	ng	0.01
23) Nitrobenzene-d5	7.30	82	1079711	79.87	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	251956	82.78	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1748664	78.33	ng	0.00
78) Terphenyl-d14	12.83	244	1445467	70.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	246913	37.277	ng	94
3) Pyridine	3.09	79	684188	37.824	ng	94
4) n-Nitrosodimethylamine	3.06	42	275196	36.330	ng	97
6) Aniline	6.39	93	838621	37.577	ng	99
8) 2-Chlorophenol	6.51	128	513694	38.589	ng	99
9) Benzaldehyde	6.27	77	404081	36.750	ng	98
10) Phenol	6.37	94	662166	37.000	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	507463	37.254	ng	95
12) 1,3-Dichlorobenzene	6.67	146	580841	37.851	ng	99
13) 1,4-Dichlorobenzene	6.75	146	590401	38.557	ng	99
14) 1,2-Dichlorobenzene	6.90	146	543080	38.319	ng	99
15) Benzyl Alcohol	6.87	79	438054	37.817	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	933601	37.180	ng	98
17) 2-Methylphenol	6.98	107	461165	38.403	ng	99
18) Hexachloroethane	7.24	117	211712	39.263	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	376325	36.263	ng	96
20) 3+4-Methylphenols	7.14	107	530501	36.793	ng	# 68
22) Acetophenone	7.15	105	697134	36.421	ng	# 95
24) Nitrobenzene	7.32	77	568560	39.138	ng	98
25) Isophorone	7.55	82	986443	36.928	ng	98
26) 2-Nitrophenol	7.63	139	286069	47.049	ng	98
27) 2,4-Dimethylphenol	7.67	122	433220	38.151	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	598361	37.099	ng	100
29) 2,4-Dichlorophenol	7.86	162	417410	38.713	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	430731	38.192	ng	99
31) Naphthalene	8.03	128	1486033	37.435	ng	100
32) Benzoic acid	7.79	122	284693	33.063	ng	99
33) 4-Chloroaniline	8.08	127	648120	38.253	ng	99
34) Hexachlorobutadiene	8.15	225	230167	38.555	ng	98
35) Caprolactam	8.46	113	147301	39.795	ng	92
36) 4-Chloro-3-methylphenol	8.56	107	458177	38.820	ng	98
37) 2-Methylnaphthalene	8.72	142	980017	37.501	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	375669	38.072	ng	98
40) Hexachlorocyclopentadiene	8.87	237	226770	42.023	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	276829	40.712	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	304431	39.612	nq	97
45) 1,1'-Biphenyl	9.19	154	1153688	37.422	nq	100
46) 2-Chloronaphthalene	9.21	162	906375	37.913	nq	100
47) 2-Nitroaniline	9.31	65	311924	43.558	nq	95
48) Acenaphthylene	9.63	152	1435687	37.842	nq	99
49) Dimethylphthalate	9.49	163	1075117	38.425	nq	99
50) 2,6-Dinitrotoluene	9.56	165	242454	43.380	nq	91
51) Acenaphthene	9.80	154	842509	36.587	nq	100
52) 3-Nitroaniline	9.72	138	293974	41.677	nq	99
53) 2,4-Dinitrophenol	9.82	184	106494	53.121	nq #	20
54) Dibenzofuran	9.97	168	1191127	37.689	nq	97
55) 4-Nitrophenol	9.87	139	224963	42.796	nq	94
56) 2,4-Dinitrotoluene	9.95	165	317843	45.373	nq	98
57) Fluorene	10.31	166	876884	40.137	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	218929	40.013	nq	99
59) Diethylphthalate	10.19	149	1046192	37.589	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	372680	40.060	nq	97
61) 4-Nitroaniline	10.33	138	292183	43.647	nq	93
62) Azobenzene	10.46	77	1026547	37.071	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	162265	49.216	nq	95
65) n-Nitrosodiphenylamine	10.43	169	831815	36.713	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	242642	37.974	nq	99
67) Hexachlorobenzene	10.85	284	272566	39.074	nq	99
68) Atrazine	10.96	200	259470	39.627	nq	98
69) Pentachlorophenol	11.05	266	177526	41.735	nq	96
70) Phenanthrene	11.27	178	1305981	36.951	nq	99
71) Anthracene	11.32	178	1343007	37.467	nq	100
72) Carbazole	11.48	167	1329869	37.746	nq	100
73) Di-n-butylphthalate	11.82	149	1625526	37.606	nq	99
74) Fluoranthene	12.46	202	1329014	38.219	nq	98
76) Benzidine	12.58	184	686245	33.299	nq	98
77) Pyrene	12.68	202	1367107	36.239	nq	100
79) Butylbenzylphthalate	13.31	149	684511	39.538	nq	97
80) Benzo(a)anthracene	13.87	228	980358	36.004	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	398410	39.516	nq	99
82) Chrysene	13.91	228	1046321	36.851	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	774935	39.019	nq	100
84) Di-n-octyl phthalate	14.48	149	1371390	41.612	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	753526	36.463	nq	96
87) Benzo(b)fluoranthene	14.89	252	917327	39.097	nq	97
88) Benzo(k)fluoranthene	14.92	252	861502	38.063	nq	100
89) Benzo(a)pyrene	15.23	252	815261	38.614	nq #	96
90) Dibenzo(a,h)anthracene	16.69	278	620110	36.804	nq	97
91) Benzo(g,h,i)perylene	17.09	276	626143	36.892	nq	96

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

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