

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092198.D
 Acq On : 10 Jan 2017 22:39
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 11 01:06:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	182946	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	765113	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	411860	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	650509	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	395112	20.00	ng	0.00
86) Perylene-d12	15.16	264	341784	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	921011	84.06	ng	-0.01
7) Phenol-d6	6.30	99	1073116	80.22	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1078012	78.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	260498	76.43	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1789367	89.74	ng	-0.01
78) Terphenyl-d14	12.73	244	1448137	88.89	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	211493	39.21	ng	98
3) Pyridine	2.70	79	737087	39.15	ng	98
4) n-Nitrosodimethylamine	2.66	42	307911	43.36	ng	97
6) Aniline	6.29	93	738154	42.48	ng	# 46
8) 2-Chlorophenol	6.42	128	525846	42.19	ng	87
9) Benzaldehyde	6.17	77	332646	46.15	ng	94
10) Phenol	6.31	94	595539	39.07	ng	82
11) bis(2-Chloroethyl)ether	6.37	93	506547	41.76	ng	97
12) 1,3-Dichlorobenzene	6.56	146	536141m	40.30	ng	
13) 1,4-Dichlorobenzene	6.64	146	533925	39.43	ng	100
14) 1,2-Dichlorobenzene	6.80	146	529434	45.06	ng	97
15) Benzyl Alcohol	6.79	79	450473	43.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	739554	40.95	ng	# 30
17) 2-Methylphenol	6.92	107	402702	40.18	ng	# 86
18) Hexachloroethane	7.13	117	205171	40.87	ng	# 86
19) n-Nitroso-di-n-propylamine	7.06	70	432240	48.57	ng	94
20) 3+4-Methylphenols	7.08	107	558879	46.75	ng	# 72
22) Acetophenone	7.05	105	824000	43.66	ng	# 91
24) Nitrobenzene	7.22	77	655803	44.75	ng	95
25) Isophorone	7.46	82	1030670	40.60	ng	96
26) 2-Nitrophenol	7.54	139	306512	42.41	ng	# 77
27) 2,4-Dimethylphenol	7.60	122	489477	40.83	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	668794	43.45	ng	99
29) 2,4-Dichlorophenol	7.80	162	436469	43.00	ng	95
30) 1,2,4-Trichlorobenzene	7.86	180	470455	42.30	ng	97
31) Naphthalene	7.94	128	1550224	44.27	ng	99
32) Benzoic acid	7.77	122	323093	36.34	ng	98
33) 4-Chloroaniline	8.00	127	684865	43.37	ng	97
34) Hexachlorobutadiene	8.06	225	256848	43.75	ng	99
35) Caprolactam	8.39	113	139437	41.80	ng	# 63
36) 4-Chloro-3-methylphenol	8.50	107	447073	38.28	ng	96
37) 2-Methylnaphthalene	8.63	142	912014	41.94	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	431711	41.49	ng	98
40) Hexachlorocyclopentadiene	8.79	237	82832	20.96	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	296892	40.80	nq	100
43) 2,4,5-Trichlorophenol	8.97	196	293853	39.24	nq	96
45) 1,1'-Biphenyl	9.10	154	1192710	42.29	nq	98
46) 2-Chloronaphthalene	9.12	162	921979	41.28	nq	96
47) 2-Nitroaniline	9.22	65	293512	36.91	nq	99
48) Acenaphthylene	9.53	152	1353023	39.39	nq	99
49) Dimethylphthalate	9.41	163	1063157	40.36	nq	98
50) 2,6-Dinitrotoluene	9.48	165	269361	46.72	nq	96
51) Acenaphthene	9.70	154	874960	37.58	nq	99
52) 3-Nitroaniline	9.64	138	297680	41.72	nq	98
53) 2,4-Dinitrophenol	9.75	184	94626	29.50	nq	# 46
54) Dibenzofuran	9.88	168	1146466	36.46	nq	99
55) 4-Nitrophenol	9.84	139	162876m	33.62	nq	
56) 2,4-Dinitrotoluene	9.88	165	263416	36.40	nq	# 73
57) Fluorene	10.22	166	1003676	43.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	228554	38.59	nq	99
59) Diethylphthalate	10.10	149	1053723	41.19	nq	98
60) 4-Chlorophenyl-phenylether	10.21	204	407869	40.72	nq	97
61) 4-Nitroaniline	10.25	138	264572	35.78	nq	99
62) Azobenzene	10.37	77	1091789	38.76	nq	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	144717	36.79	nq	# 51
65) n-Nitrosodiphenylamine	10.33	169	787353	40.79	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	282189	41.70	nq	98
67) Hexachlorobenzene	10.77	284	298313	41.24	nq	95
68) Atrazine	10.87	200	236474	37.98	nq	98
69) Pentachlorophenol	10.97	266	121891	34.34	nq	99
70) Phenanthrene	11.17	178	1451792	41.16	nq	98
71) Anthracene	11.22	178	1369731	43.20	nq	99
72) Carbazole	11.38	167	1186560	38.31	nq	99
73) Di-n-butylphthalate	11.73	149	1690596	51.14	nq	# 96
74) Fluoranthene	12.36	202	1326606	42.67	nq	97
76) Benzidine	12.48	184	460452	46.03	nq	99
77) Pyrene	12.59	202	1410600	48.66	nq	99
79) Butylbenzylphthalate	13.21	149	681194	51.67	nq	95
80) Benzo(a)anthracene	13.77	228	930875	41.74	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	347175	41.05	nq	98
82) Chrysene	13.81	228	905874	40.49	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	828014	53.33	nq	99
84) Di-n-octyl phthalate	14.39	149	1424943	49.54	nq	99
85) Indeno(1,2,3-cd)pyrene	16.44	276	866392	44.70	nq	99
87) Benzo(b)fluoranthene	14.78	252	872756m	41.01	nq	
88) Benzo(k)fluoranthene	14.80	252	687706m	37.90	nq	
89) Benzo(a)pyrene	15.10	252	770304	40.79	nq	98
90) Dibenzo(a,h)anthracene	16.44	278	729357	46.98	nq	98
91) Benzo(g,h,i)perylene	16.81	276	765334	47.41	nq	98

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

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