

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093850.D
 Acq On : 22 Mar 2017 23:29
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 23 03:41:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	189479	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	777696	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	350182	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	601055	20.00	ng	0.00
75) Chrysene-d12	14.72	240	467854	20.00	ng	0.00
86) Perylene-d12	16.35	264	350236	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	880330	78.47	ng	0.00
7) Phenol-d6	5.57	99	1088000	78.40	ng	0.00
23) Nitrobenzene-d5	6.64	82	1089797	79.97	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	223376	80.72	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1831470	79.77	ng	0.00
78) Terphenyl-d14	13.44	244	1693251	81.12	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	214578	39.81	ng	98
3) Pyridine	2.85	79	579752	39.47	ng	98
4) n-Nitrosodimethylamine	2.81	42	244030	40.38	ng	95
6) Aniline	5.61	93	757278	39.23	ng	98
8) 2-Chlorophenol	5.75	128	491347	39.85	ng	97
9) Benzaldehyde	5.48	77	374369	39.95	ng	99
10) Phenol	5.59	94	675064	42.75	ng	93
11) bis(2-Chloroethyl)ether	5.69	93	498299	40.37	ng	100
12) 1,3-Dichlorobenzene	5.92	146	554703	40.10	ng	99
13) 1,4-Dichlorobenzene	6.01	146	564994	40.33	ng	97
14) 1,2-Dichlorobenzene	6.19	146	523986	40.62	ng	96
15) Benzyl Alcohol	6.15	79	411707	40.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.31	45	769779	40.48	ng	100
17) 2-Methylphenol	6.28	107	420105	39.78	ng	98
18) Hexachloroethane	6.58	117	204196	41.47	ng	# 82
19) n-Nitroso-di-n-propylamine	6.47	70	360383	40.40	ng	98
20) 3+4-Methylphenols	6.46	107	500255	39.11	ng	96
22) Acetophenone	6.46	105	678095	39.12	ng	95
24) Nitrobenzene	6.66	77	542317	40.35	ng	98
25) Isophorone	6.95	82	958413	40.02	ng	# 94
26) 2-Nitrophenol	7.03	139	266302	41.55	ng	95
27) 2,4-Dimethylphenol	7.09	122	438201	39.68	ng	99
28) bis(2-Chloroethoxy)methane	7.21	93	630854	39.95	ng	98
29) 2,4-Dichlorophenol	7.32	162	416049	40.29	ng	98
30) 1,2,4-Trichlorobenzene	7.43	180	424103	39.88	ng	99
31) Naphthalene	7.52	128	1487841	39.79	ng	99
32) Benzoic acid	7.24	122	317638	43.21	ng	97
33) 4-Chloroaniline	7.58	127	582088	38.41	ng	95
34) Hexachlorobutadiene	7.68	225	221805	40.67	ng	99
35) Caprolactam	8.03	113	129820	39.42	ng	97
36) 4-Chloro-3-methylphenol	8.18	107	430834	39.93	ng	91
37) 2-Methylnaphthalene	8.36	142	1000466	40.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	381022	39.77	ng	99
40) Hexachlorocyclopentadiene	8.56	237	191500	42.72	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	267849	39.52	nq	97
43) 2,4,5-Trichlorophenol	8.75	196	291006	39.68	nq	93
45) 1,1'-Biphenyl	8.94	154	1120247	39.66	nq	98
46) 2-Chloronaphthalene	8.96	162	876650	39.65	nq	95
47) 2-Nitroaniline	9.07	65	264452	40.32	nq	90
48) Acenaphthylene	9.46	152	1457727	39.67	nq	99
49) Dimethylphthalate	9.32	163	995364	39.99	nq	100
50) 2,6-Dinitrotoluene	9.39	165	236770	41.49	nq	90
51) Acenaphthene	9.68	154	844397	39.38	nq	100
52) 3-Nitroaniline	9.59	138	260370	38.86	nq	89
53) 2,4-Dinitrophenol	9.71	184	105187	37.10	nq	# 77
54) Dibenzofuran	9.89	168	1163388	39.86	nq	99
55) 4-Nitrophenol	9.79	139	208348	39.70	nq	# 71
56) 2,4-Dinitrotoluene	9.87	165	298490	41.64	nq	# 79
57) Fluorene	10.31	166	914249	37.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	201707	40.08	nq	99
59) Diethylphthalate	10.19	149	1001555	40.71	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	396970	38.50	nq	89
61) 4-Nitroaniline	10.34	138	253886	39.48	nq	94
62) Azobenzene	10.52	77	929713	39.95	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	149963	40.74	nq	# 71
65) n-Nitrosodiphenylamine	10.46	169	835495	40.20	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	242429	41.01	nq	96
67) Hexachlorobenzene	10.99	284	247950	41.43	nq	# 91
68) Atrazine	11.13	200	250103	40.17	nq	96
69) Pentachlorophenol	11.23	266	151236	40.60	nq	98
70) Phenanthrene	11.49	178	1309202	39.16	nq	100
71) Anthracene	11.56	178	1357545	39.43	nq	99
72) Carbazole	11.75	167	1379712	39.08	nq	99
73) Di-n-butylphthalate	12.20	149	1529070	41.65	nq	99
74) Fluoranthene	12.96	202	1347101	39.35	nq	99
76) Benzidine	13.12	184	695143	37.54	nq	95
77) Pyrene	13.23	202	1390246	40.95	nq	99
79) Butylbenzylphthalate	14.04	149	629813	43.53	nq	# 83
80) Benzo(a)anthracene	14.70	228	1104574	40.49	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	381166	39.09	nq	95
82) Chrysene	14.75	228	1001846	39.57	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	866860	43.92	nq	# 99
84) Di-n-octyl phthalate	15.52	149	1404301	42.59	nq	99
85) Indeno(1,2,3-cd)pyrene	17.74	276	773744	35.29	nq	98
87) Benzo(b)fluoranthene	15.93	252	916092	42.67	nq	98
88) Benzo(k)fluoranthene	15.97	252	847916m	40.08	nq	
89) Benzo(a)pyrene	16.29	252	804739	40.71	nq	99
90) Dibenzo(a,h)anthracene	17.76	278	649290	38.78	nq	97
91) Benzo(g,h,i)perylene	18.16	276	652422	38.67	nq	99

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

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