

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096472.D
 Acq On : 5 Jul 2017 9:46
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 05 13:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134377	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	554853	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	243188	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	411299	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	301771	20.00	ng	-0.01
86) Perylene-d12	15.27	264	296680	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	677853	74.45	ng	-0.02
7) Phenol-d6	6.36	99	849522	75.90	ng	-0.02
23) Nitrobenzene-d5	7.28	82	708307	76.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	171671	90.37	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1234860	86.82	ng	-0.02
78) Terphenyl-d14	12.82	244	1095414	77.57	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	159181	36.87	ng	# 77
3) Pyridine	3.09	79	397487	33.56	ng	# 65
4) n-Nitrosodimethylamine	3.04	42	212029	36.27	ng	# 84
6) Aniline	6.37	93	545368	37.70	ng	# 88
8) 2-Chlorophenol	6.50	128	412049	42.44	ng	# 94
9) Benzaldehyde	6.26	77	249865	35.67	ng	# 98
10) Phenol	6.37	94	468160	36.72	ng	# 77
11) bis(2-Chloroethyl)ether	6.45	93	382312	38.80	ng	# 90
12) 1,3-Dichlorobenzene	6.66	146	416529	40.92	ng	# 98
13) 1,4-Dichlorobenzene	6.73	146	417494	41.03	ng	# 96
14) 1,2-Dichlorobenzene	6.89	146	384455	41.15	ng	# 98
15) Benzyl Alcohol	6.86	79	294232	39.33	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	763769	38.13	ng	# 92
17) 2-Methylphenol	6.97	107	311722	40.29	ng	# 99
18) Hexachloroethane	7.23	117	141320	38.31	ng	# 82
19) n-Nitroso-di-n-propylamine	7.13	70	241663	36.24	ng	# 85
20) 3+4-Methylphenols	7.13	107	342984	39.74	ng	# 94
22) Acetophenone	7.13	105	463938	38.27	ng	# 92
24) Nitrobenzene	7.30	77	367927	37.98	ng	# 90
25) Isophorone	7.54	82	660383	36.89	ng	# 95
26) 2-Nitrophenol	7.62	139	211987	41.35	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	339840	38.93	ng	# 97
28) bis(2-Chloroethoxy)methane	7.75	93	440485	37.27	ng	# 99
29) 2,4-Dichlorophenol	7.86	162	312065	41.43	ng	# 96
30) 1,2,4-Trichlorobenzene	7.94	180	290499	40.89	ng	# 98
31) Naphthalene	8.02	128	1043555	39.84	ng	# 100
32) Benzoic acid	7.80	122	270623	36.91	ng	# 92
33) 4-Chloroaniline	8.07	127	441500	40.58	ng	# 95
34) Hexachlorobutadiene	8.15	225	150927	41.42	ng	# 97
35) Caprolactam	8.45	113	99553	38.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.56	107	334287	40.11	ng	# 90
37) 2-Methylnaphthalene	8.71	142	682577	40.94	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	266424	42.19	ng	# 100
40) Hexachlorocyclopentadiene	8.87	237	128464	41.84	ng	# 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	220742	44.19	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	219300	44.40	nq	93
45) 1,1'-Biphenyl	9.17	154	887120	42.57	nq	97
46) 2-Chloronaphthalene	9.20	162	658611	42.41	nq	94
47) 2-Nitroaniline	9.29	65	218090	38.60	nq	92
48) Acenaphthylene	9.62	152	1049659	42.66	nq	99
49) Dimethylphthalate	9.48	163	745571	41.07	nq	99
50) 2,6-Dinitrotoluene	9.54	165	179341	44.67	nq	# 90
51) Acenaphthene	9.79	154	567107	37.39	nq	99
52) 3-Nitroaniline	9.70	138	222468	44.43	nq	91
53) 2,4-Dinitrophenol	9.81	184	85942	40.31	nq	# 74
54) Dibenzofuran	9.96	168	803094	40.11	nq	99
55) 4-Nitrophenol	9.87	139	156683	37.75	nq	# 71
56) 2,4-Dinitrotoluene	9.94	165	215089	42.31	nq	# 83
57) Fluorene	10.30	166	603042	42.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	141924	41.53	nq	# 96
59) Diethylphthalate	10.18	149	685908	39.97	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	255090	41.46	nq	95
61) 4-Nitroaniline	10.32	138	191605	42.08	nq	90
62) Azobenzene	10.45	77	612747	36.93	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	118728	41.86	nq	86
65) n-Nitrosodiphenylamine	10.41	169	579398	40.15	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	166677	41.63	nq	99
67) Hexachlorobenzene	10.85	284	184398	42.07	nq	# 88
68) Atrazine	10.94	200	174568	42.34	nq	93
69) Pentachlorophenol	11.04	266	108727	41.86	nq	96
70) Phenanthrene	11.26	178	881050	39.63	nq	99
71) Anthracene	11.31	178	893178	39.42	nq	99
72) Carbazole	11.46	167	888554	39.00	nq	99
73) Di-n-butylphthalate	11.80	149	1072511	38.86	nq	# 98
74) Fluoranthene	12.44	202	884815	40.59	nq	99
76) Benzidine	12.56	184	545191	37.65	nq	# 92
77) Pyrene	12.67	202	917072	37.86	nq	99
79) Butylbenzylphthalate	13.29	149	457290	37.29	nq	# 80
80) Benzo(a)anthracene	13.86	228	687324	39.33	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	301277	41.98	nq	# 96
82) Chrysene	13.89	228	717307	39.20	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	524619	38.33	nq	99
84) Di-n-octyl phthalate	14.47	149	1060175	39.33	nq	95
85) Indeno(1,2,3-cd)pyrene	16.64	276	629154	43.55	nq	99
87) Benzo(b)fluoranthene	14.87	252	676877	36.41	nq	98
88) Benzo(k)fluoranthene	14.90	252	686761	41.30	nq	97
89) Benzo(a)pyrene	15.22	252	653294	39.36	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	510622	39.11	nq	97
91) Benzo(g,h,i)perylene	17.05	276	515788	38.12	nq	98

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

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