

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
 Data File : BF090189.D
 Acq On : 22 Sep 2016 16:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 01:00:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	131389	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	526969	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	274193	20.00	ng	-0.02
63) Phenanthrene-d10	11.01	188	436548	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	304272	20.00	ng	-0.02
86) Perylene-d12	14.94	264	245478	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	648772	80.49	ng	-0.02
7) Phenol-d6	6.16	99	790440	79.40	ng	-0.01
23) Nitrobenzene-d5	7.07	82	673781	74.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	198663	84.45	ng	-0.02
44) 2-Fluorobiphenyl	8.87	172	1149581	82.31	ng	-0.02
78) Terphenyl-d14	12.58	244	936330	78.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	156048	35.68	ng	99
3) Pyridine	2.48	79	350608	36.97	ng	99
4) n-Nitrosodimethylamine	2.43	42	118072	41.71	ng	100
6) Aniline	6.16	93	498689	40.19	ng	# 77
8) 2-Chlorophenol	6.28	128	381507	41.13	ng	85
9) Benzaldehyde	6.03	77	177622	40.94	ng	98
10) Phenol	6.17	94	492355	41.84	ng	# 71
11) bis(2-Chloroethyl)ether	6.25	93	379883	41.40	ng	91
12) 1,3-Dichlorobenzene	6.43	146	373685	38.57	ng	96
13) 1,4-Dichlorobenzene	6.51	146	371567	37.56	ng	97
14) 1,2-Dichlorobenzene	6.67	146	355113	40.29	ng	97
15) Benzyl Alcohol	6.66	79	261833	44.11	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.80	45	418524	38.16	ng	97
17) 2-Methylphenol	6.79	107	302133	41.36	ng	97
18) Hexachloroethane	7.02	117	142969	40.52	ng	# 81
19) n-Nitroso-di-n-propylamine	6.94	70	239859	41.02	ng	98
20) 3+4-Methylphenols	6.95	107	385401	43.94	ng	97
22) Acetophenone	6.92	105	485606	38.21	ng	# 98
24) Nitrobenzene	7.10	77	385311	40.68	ng	# 84
25) Isophorone	7.34	82	697036	36.70	ng	97
26) 2-Nitrophenol	7.42	139	188705	40.46	ng	# 80
27) 2,4-Dimethylphenol	7.47	122	347473	41.93	ng	97
28) bis(2-Chloroethoxy)methane	7.56	93	457333	39.81	ng	99
29) 2,4-Dichlorophenol	7.66	162	282470	38.86	ng	90
30) 1,2,4-Trichlorobenzene	7.74	180	287053	39.54	ng	97
31) Naphthalene	7.82	128	1004325	40.03	ng	98
32) Benzoic acid	7.62	122	222690	39.15	ng	99
33) 4-Chloroaniline	7.87	127	428606	41.18	ng	94
34) Hexachlorobutadiene	7.94	225	159165	41.56	ng	98
35) Caprolactam	8.25	113	87059	36.19	ng	99
36) 4-Chloro-3-methylphenol	8.36	107	303586	36.96	ng	100
37) 2-Methylnaphthalene	8.50	142	627156	40.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	270617	43.00	ng	# 97
40) Hexachlorocyclopentadiene	8.66	237	133171	42.88	ng	98

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42) 2,4,6-Trichlorophenol	8.79	196	195244	43.53	ng	98
43) 2,4,5-Trichlorophenol	8.82	196	183249	39.46	ng	# 84
45) 1,1'-Biphenyl	8.97	154	842205	42.93	ng	96
46) 2-Chloronaphthalene	8.98	162	559577	38.67	ng	98
47) 2-Nitroaniline	9.08	65	163375	37.44	ng	# 80
48) Acenaphthylene	9.39	152	924006	39.32	ng	100
49) Dimethylphthalate	9.28	163	671902	38.47	ng	99
50) 2,6-Dinitrotoluene	9.34	165	161662	41.53	ng	# 84
51) Acenaphthene	9.56	154	528148	37.86	ng	99
52) 3-Nitroaniline	9.50	138	170812	37.43	ng	90
53) 2,4-Dinitrophenol	9.61	184	83732	40.09	ng	91
54) Dibenzofuran	9.74	168	716044	39.00	ng	95
55) 4-Nitrophenol	9.68	139	123613	39.54	ng	95
56) 2,4-Dinitrotoluene	9.74	165	197462	42.90	ng	88
57) Fluorene	10.08	166	606230	43.82	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	143903	41.39	ng	97
59) Diethylphthalate	9.98	149	712356	42.24	ng	98
60) 4-Chlorophenyl-phenylether	10.08	204	255360	40.47	ng	88
61) 4-Nitroaniline	10.11	138	190385	40.93	ng	99
62) Azobenzene	10.24	77	697381	39.72	ng	90
64) 4,6-Dinitro-2-methylphenol	10.14	198	105084	38.43	ng	# 48
65) n-Nitrosodiphenylamine	10.20	169	577370	40.22	ng	100
66) 4-Bromophenyl-phenylether	10.56	248	161455	37.58	ng	# 83
67) Hexachlorobenzene	10.62	284	191147	38.18	ng	# 82
68) Atrazine	10.73	200	147367	37.46	ng	96
69) Pentachlorophenol	10.82	266	114080	40.14	ng	98
70) Phenanthrene	11.03	178	887661	43.48	ng	99
71) Anthracene	11.07	178	832562	38.88	ng	99
72) Carbazole	11.23	167	845932	37.37	ng	98
73) Di-n-butylphthalate	11.59	149	1084654	41.21	ng	99
74) Fluoranthene	12.21	202	849587	38.77	ng	90
76) Benzidine	12.33	184	410138	40.27	ng	99
77) Pyrene	12.42	202	817828	39.28	ng	99
79) Butylbenzylphthalate	13.06	149	406178	39.88	ng	# 76
80) Benzo(a)anthracene	13.60	228	663966	40.56	ng	99
81) 3,3'-Dichlorobenzidine	13.58	252	264892	39.24	ng	# 98
82) Chrysene	13.65	228	645237	40.46	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	552268	42.37	ng	99
84) Di-n-octyl phthalate	14.24	149	918846	40.93	ng	100
85) Indeno(1,2,3-cd)pyrene	16.09	276	543983	42.19	ng	97
87) Benzo(b)fluoranthene	14.59	252	564989m	41.56	ng	
88) Benzo(k)fluoranthene	14.62	252	513532m	40.25	ng	
89) Benzo(a)pyrene	14.88	252	501588	39.23	ng	# 92
90) Dibenzo(a,h)anthracene	16.10	278	453056	45.41	ng	# 96
91) Benzo(g,h,i)perylene	16.43	276	453141	46.40	ng	98

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

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