

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021083.D
 Acq On : 26 Feb 2016 18:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 27 01:15:36 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5356	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	24516	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	15468	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	38195	20.00	ng	0.00
75) Chrysene-d12	21.79	240	46768	20.00	ng	0.00
86) Perylene-d12	25.08	264	44426	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	24327	79.52	ng	0.00
7) Phenol-d6	7.31	99	36581	80.35	ng	-0.02
23) Nitrobenzene-d5	9.34	82	43391	84.33	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	16158	79.67	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	96256	79.63	ng	0.00
78) Terphenyl-d14	20.11	244	167197	83.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	5880	41.51	ng	94
3) Pyridine	4.02	79	17276	41.70	ng	96
4) n-Nitrosodimethylamine	3.93	42	8752	41.66	ng	90
6) Aniline	7.49	93	24318	43.18	ng	# 90
8) 2-Chlorophenol	7.73	128	15373	40.29	ng	99
9) Benzaldehyde	7.31	77	11478	46.55	ng	92
10) Phenol	7.34	94	19785	42.42	ng	76
11) bis(2-Chloroethyl)ether	7.59	93	14761	41.29	ng	98
12) 1,3-Dichlorobenzene	8.06	146	16731	41.20	ng	# 95
13) 1,4-Dichlorobenzene	8.20	146	17245	39.75	ng	97
14) 1,2-Dichlorobenzene	8.53	146	16828	40.97	ng	98
15) Benzyl Alcohol	8.40	79	18395	46.26	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.70	45	16514	40.29	ng	87
17) 2-Methylphenol	8.60	107	13840	42.04	ng	# 88
18) Hexachloroethane	9.26	117	6729	41.00	ng	# 76
19) n-Nitroso-di-n-propylamine	8.97	70	15398	43.85	ng	# 90
20) 3+4-Methylphenols	8.93	107	18890	41.39	ng	91
22) Acetophenone	8.99	105	27596	40.78	ng	# 95
24) Nitrobenzene	9.38	77	21658	40.74	ng	93
25) Isophorone	9.90	82	39313	40.76	ng	# 97
26) 2-Nitrophenol	10.09	139	8946	39.80	ng	# 65
27) 2,4-Dimethylphenol	10.14	122	16004	40.37	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	20434	43.48	ng	96
29) 2,4-Dichlorophenol	10.62	162	15863	40.88	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	17351	39.45	ng	92
31) Naphthalene	11.04	128	50378	40.01	ng	98
32) Benzoic acid	10.25	122	12219	33.57	ng	# 80
33) 4-Chloroaniline	11.14	127	22922	43.58	ng	# 92
34) Hexachlorobutadiene	11.31	225	11747	39.91	ng	90
35) Caprolactam	11.91	113	5394	41.14	ng	# 81
36) 4-Chloro-3-methylphenol	12.23	107	19832	41.69	ng	86
37) 2-Methylnaphthalene	12.63	142	39092	44.20	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	22724	39.75	ng	97
40) Hexachlorocyclopentadiene	12.96	237	16491	43.87	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	15336	42.78	nq	92
43) 2,4,5-Trichlorophenol	13.29	196	15823	42.96	nq	# 96
45) 1,1'-Biphenyl	13.62	154	51325	39.40	nq	98
46) 2-Chloronaphthalene	13.66	162	39573	40.04	nq	97
47) 2-Nitroaniline	13.86	65	14127	44.11	nq	# 81
48) Acenaphthylene	14.51	152	62704	40.10	nq	99
49) Dimethylphthalate	14.23	163	53357	40.02	nq	# 98
50) 2,6-Dinitrotoluene	14.35	165	11514	41.98	nq	# 75
51) Acenaphthene	14.84	154	42861	40.18	nq	96
52) 3-Nitroaniline	14.68	138	11855	44.42	nq	# 74
53) 2,4-Dinitrophenol	14.88	184	8142	42.58	nq	88
54) Dibenzofuran	15.18	168	60272	44.61	nq	94
55) 4-Nitrophenol	14.96	139	10041	42.42	nq	# 61
56) 2,4-Dinitrotoluene	15.13	165	16424	41.76	nq	# 88
57) Fluorene	15.82	166	53234	40.50	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	14544	45.44	nq	95
59) Diethylphthalate	15.59	149	56326	40.09	nq	96
60) 4-Chlorophenyl-phenylether	15.81	204	28350	39.21	nq	97
61) 4-Nitroaniline	15.84	138	12986	42.73	nq	# 54
62) Azobenzene	16.11	77	56609	46.50	nq	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	10858	38.76	nq	91
65) n-Nitrosodiphenylamine	16.02	169	46671	41.42	nq	92
66) 4-Bromophenyl-phenylether	16.71	248	17725	39.42	nq	# 85
67) Hexachlorobenzene	16.82	284	19330	40.74	nq	95
68) Atrazine	16.96	200	15880	38.03	nq	97
69) Pentachlorophenol	17.16	266	12462	38.91	nq	93
70) Phenanthrene	17.56	178	84345	41.04	nq	96
71) Anthracene	17.65	178	85719	41.42	nq	97
72) Carbazole	17.92	167	76746	42.95	nq	98
73) Di-n-butylphthalate	18.47	149	97791	41.52	nq	# 97
74) Fluoranthene	19.56	202	106629	41.36	nq	95
76) Benzidine	19.73	184	49898	40.55	nq	98
77) Pyrene	19.91	202	110290	42.59	nq	99
79) Butylbenzylphthalate	20.79	149	44881	41.53	nq	# 90
80) Benzo(a)anthracene	21.76	228	112560	41.83	nq	98
81) 3,3'-Dichlorobenzidine	21.68	252	43514	41.33	nq	98
82) Chrysene	21.83	228	101570	39.19	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	68519	41.05	nq	# 94
84) Di-n-octyl phthalate	22.92	149	117361	41.96	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	128648	41.17	nq	# 100
87) Benzo(b)fluoranthene	24.03	252	117074	42.16	nq	# 98
88) Benzo(k)fluoranthene	24.10	252	113971	41.64	nq	# 95
89) Benzo(a)pyrene	24.93	252	111589	41.86	nq	# 96
90) Dibenzo(a,h)anthracene	28.91	278	110252	41.03	nq	97
91) Benzo(g,h,i)perylene	30.03	276	105557	40.78	nq	# 92

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

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