

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018611.D
 Acq On : 10 Sep 2015 20:31
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: Sep 11 01:29:44 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:23:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63425	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	276405	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	182614	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	465631	20.00	ng	0.00
75) Chrysene-d12	21.64	240	506947	20.00	ng	0.00
86) Perylene-d12	24.83	264	514425	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	273743	75.76	ng	0.00
7) Phenol-d6	7.17	99	400117	83.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	366624	84.70	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	181337	93.72	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	963567	89.22	ng	0.00
78) Terphenyl-d14	19.98	244	1451215	72.75	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	53547	33.97	ng	# 100
3) Pyridine	3.87	79	176367	41.20	ng	100
4) n-Nitrosodimethylamine	3.79	42	62223	38.38	ng	100
6) Aniline	7.33	93	274158	42.50	ng	100
8) 2-Chlorophenol	7.57	128	157427	36.97	ng	100
9) Benzaldehyde	7.14	77	110545	37.99	ng	100
10) Phenol	7.19	94	209105	40.76	ng	100
11) bis(2-Chloroethyl)ether	7.43	93	159431	39.83	ng	100
12) 1,3-Dichlorobenzene	7.90	146	180179	38.31	ng	100
13) 1,4-Dichlorobenzene	8.04	146	185045	38.36	ng	100
14) 1,2-Dichlorobenzene	8.36	146	177118	38.36	ng	100
15) Benzyl Alcohol	8.24	79	145175	40.82	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	178355	37.13	ng	100
17) 2-Methylphenol	8.44	107	144308	40.44	ng	100
18) Hexachloroethane	9.10	117	65622	36.34	ng	100
19) n-Nitroso-di-n-propylamine	8.81	70	136395	39.12	ng	100
20) 3+4-Methylphenols	8.77	107	200585	41.45	ng	100
22) Acetophenone	8.82	105	261227	42.99	ng	100
24) Nitrobenzene	9.21	77	195471	42.49	ng	100
25) Isophorone	9.73	82	391504	43.08	ng	100
26) 2-Nitrophenol	9.92	139	96374	43.30	ng	100
27) 2,4-Dimethylphenol	9.98	122	164197	41.09	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	227390	44.58	ng	100
29) 2,4-Dichlorophenol	10.46	162	171497	47.41	ng	100
30) 1,2,4-Trichlorobenzene	10.68	180	185131	43.32	ng	100
31) Naphthalene	10.86	128	548008	40.23	ng	100
32) Benzoic acid	10.11	122	126935	67.17	ng	100
33) 4-Chloroaniline	10.96	127	245543	40.54	ng	100
34) Hexachlorobutadiene	11.15	225	105951	44.09	ng	98
35) Caprolactam	11.73	113	74519	41.15	ng	100
36) 4-Chloro-3-methylphenol	12.09	107	185165	45.33	ng	100
37) 2-Methylnaphthalene	12.46	142	400268	40.83	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	211918	42.59	ng	100
40) Hexachlorocyclopentadiene	12.81	237	111504	41.13	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	152412	46.03	ng	100
43) 2,4,5-Trichlorophenol	13.14	196	162004	47.30	ng	100
45) 1,1'-Biphenyl	13.47	154	529434	41.02	ng	100
46) 2-Chloronaphthalene	13.51	162	405738	39.05	ng	100
47) 2-Nitroaniline	13.71	65	129203	44.95	ng	100
48) Acenaphthylene	14.36	152	728333	41.73	ng	100
49) Dimethylphthalate	14.08	163	548547	42.62	ng	100
50) 2,6-Dinitrotoluene	14.21	165	123981	42.33	ng	100
51) Acenaphthene	14.70	154	421191	39.98	ng	100
52) 3-Nitroaniline	14.53	138	148541	45.02	ng	100
53) 2,4-Dinitrophenol	14.74	184	54367	46.82	ng	100
54) Dibenzofuran	15.03	168	649623	42.34	ng	100
55) 4-Nitrophenol	14.84	139	119137	45.13	ng	100
56) 2,4-Dinitrotoluene	14.99	165	180186	45.22	ng	100
57) Fluorene	15.68	166	560650	42.46	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.26	232	148402	49.28	ng	100
59) Diethylphthalate	15.45	149	575127	43.01	ng	100
60) 4-Chlorophenyl-phenylether	15.67	204	270588	41.94	ng	100
61) 4-Nitroaniline	15.70	138	160725	41.72	ng	100
62) Azobenzene	15.96	77	516326	41.97	ng	100
64) 4,6-Dinitro-2-methylphenol	15.76	198	90327	37.62	ng	100
65) n-Nitrosodiphenylamine	15.89	169	506632	36.62	ng	100
66) 4-Bromophenyl-phenylether	16.56	248	178729	38.39	ng	100
67) Hexachlorobenzene	16.69	284	194224	37.57	ng	100
68) Atrazine	16.83	200	205805	44.01	ng	100
69) Pentachlorophenol	17.03	266	128606	46.41	ng	100
70) Phenanthrene	17.42	178	927947	38.60	ng	100
71) Anthracene	17.51	178	933618	39.92	ng	100
72) Carbazole	17.78	167	927246	41.57	ng	100
73) Di-n-butylphthalate	18.34	149	1109110	40.84	ng	100
74) Fluoranthene	19.42	202	1158422	43.29	ng	100
76) Benzidine	19.60	184	589547	40.70	ng	100
77) Pyrene	19.79	202	1175640	41.16	ng	100
79) Butylbenzylphthalate	20.67	149	490349	39.00	ng	100
80) Benzo(a)anthracene	21.62	228	1101380	40.81	ng	100
81) 3,3'-Dichlorobenzidine	21.53	252	425790	43.24	ng	100
82) Chrysene	21.69	228	1035311	40.31	ng	100
83) Bis(2-ethylhexyl)phthalate	21.53	149	705008	40.48	ng	100
84) Di-n-octyl phthalate	22.73	149	1190114	43.03	ng	98
85) Indeno(1,2,3-cd)pyrene	28.47	276	1325083	42.33	ng	# 100
87) Benzo(b)fluoranthene	23.82	252	1131377	40.04	ng	100
88) Benzo(k)fluoranthene	23.88	252	1095857	39.07	ng	100
89) Benzo(a)pyrene	24.68	252	1068625	40.58	ng	100
90) Dibenzo(a,h)anthracene	28.53	278	1057198	38.88	ng	100
91) Benzo(g,h,i)perylene	29.60	276	1068469	40.46	ng	100

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

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