

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040326.D
 Acq On : 3 Apr 2019 15:02
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:32:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54636	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234936	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	153932	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	415478	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	429595	20.00	ng	-0.02
87) Perylene-d12	24.99	264	427307	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	276793	84.22	ng	-0.02
7) Phenol-d6	7.20	99	380084	83.68	ng	-0.02
23) Nitrobenzene-d5	9.22	82	354949	80.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	166016	99.79	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	840998	80.96	ng	-0.02
79) Terphenyl-d14	20.03	244	1485599	77.80	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	62385	40.369	ng	99
3) Pyridine	3.90	79	177786	42.728	ng	100
4) n-Nitrosodimethylamine	3.82	42	76914	39.962	ng	# 89
6) Aniline	7.38	93	236682	40.108	ng	98
8) 2-Chlorophenol	7.61	128	157339	40.897	ng	96
9) Benzaldehyde	7.20	77	118948	38.178	ng	96
10) Phenol	7.23	94	202901	41.156	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	156443	39.619	ng	97
12) 1,3-Dichlorobenzene	7.94	146	170158	40.687	ng	93
13) 1,4-Dichlorobenzene	8.09	146	171684	41.217	ng	98
14) 1,2-Dichlorobenzene	8.41	146	162813	40.874	ng	99
15) Benzyl Alcohol	8.29	79	140351	38.369	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	290294	38.306	ng	99
17) 2-Methylphenol	8.49	107	136505	40.014	ng	97
18) Hexachloroethane	9.13	117	64741	40.861	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	126040	38.704	ng	97
20) 3+4-Methylphenols	8.82	107	189732	41.054	ng	98
22) Acetophenone	8.88	105	235073	40.112	ng	96
24) Nitrobenzene	9.27	77	181987	39.761	ng	96
25) Isophorone	9.78	82	375852	41.328	ng	98
26) 2-Nitrophenol	9.98	139	94229	43.448	ng	96
27) 2,4-Dimethylphenol	10.02	122	142674	41.416	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	219355	40.769	ng	99
29) 2,4-Dichlorophenol	10.51	162	161919	43.303	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	169294	41.233	ng	97
31) Naphthalene	10.91	128	498817	41.422	ng	99
32) Benzoic acid	10.13	122	44548m	21.403	ng	
33) 4-Chloroaniline	11.03	127	216061	42.063	ng	96
34) Hexachlorobutadiene	11.18	225	107157	40.808	ng	96
35) Caprolactam	11.82	113	68965	46.476	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	190669	44.355	ng	98
37) 2-Methylnaphthalene	12.51	142	370335	41.582	ng	99
38) 1-Methylnaphthalene	12.74	142	361793	41.892	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193986	39.650	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	106785	39.751	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	139768	44.310	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	154973	45.074	ng	97
46) 1,1'-Biphenyl	13.52	154	490121	40.297	ng	97
47) 2-Chloronaphthalene	13.56	162	376816	40.390	ng	100
48) 2-Nitroaniline	13.78	65	133848	42.533	ng	99
49) Acenaphthylene	14.41	152	665100	42.047	ng	99
50) Dimethylphthalate	14.13	163	530023	43.995	ng	99
51) 2,6-Dinitrotoluene	14.26	165	122422	45.257	ng	98
52) Acenaphthene	14.75	154	374018	41.264	ng	97
53) 3-Nitroaniline	14.60	138	131288	45.851	ng	95
54) 2,4-Dinitrophenol	14.80	184	73016	50.754	ng	98
55) Dibenzofuran	15.08	168	624074	42.849	ng	99
56) 4-Nitrophenol	14.90	139	111210	48.122	ng	98
57) 2,4-Dinitrotoluene	15.05	165	178713	47.546	ng	97
58) Fluorene	15.73	166	500053	43.670	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	147778	47.365	ng	97
60) Diethylphthalate	15.49	149	574342	46.589	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	267783	43.750	ng	99
62) 4-Nitroaniline	15.77	138	148933	48.467	ng	98
63) Azobenzene	16.01	77	507512	43.644	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	90592	38.810	ng	97
66) n-Nitrosodiphenylamine	15.93	169	471258	38.761	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	179100	38.306	ng	93
68) Hexachlorobenzene	16.73	284	186989	39.776	ng	98
69) Atrazine	16.88	200	195476	43.221	ng	98
70) Pentachlorophenol	17.07	266	157963	58.120	ng	93
71) Phenanthrene	17.47	178	895040	40.985	ng	100
72) Anthracene	17.57	178	900941	41.217	ng	100
73) Carbazole	17.84	167	898447	43.432	ng	99
74) Di-n-butylphthalate	18.37	149	1105120	45.069	ng	99
75) Fluoranthene	19.48	202	1124770	43.496	ng	99
77) Benzidine	19.66	184	776079	50.027	ng	100
78) Pyrene	19.84	202	1139720	40.343	ng	99
80) Butylbenzylphthalate	20.71	149	510449	42.225	ng	97
81) Benzo(a)anthracene	21.68	228	1074360	40.602	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	424352	42.158	ng	99
83) Chrysene	21.75	228	1030315	40.515	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	740025	42.824	ng	99
85) Di-n-octyl phthalate	22.78	149	1214621	41.255	ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1254285	40.327	ng	99
88) Benzo(b)fluoranthene	23.94	252	1081982	41.358	ng	98
89) Benzo(k)fluoranthene	24.01	252	1019352	42.370	ng	98
90) Benzo(a)pyrene	24.83	252	1045415	42.590	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	1001227	43.918	ng	99
92) Benzo(g,h,i)perylene	29.95	276	1023836	43.699	ng	100

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

