

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041615\
 Data File : BM001015.D
 Acq On : 16 Apr 2015 08:56
 Operator : TP/IZ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02027

Quant Time: Apr 16 09:46:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 15 18:00:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	246735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1001402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	553479	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1124720	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1161201	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1082966	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	43766	8.27	ng/uL	0.00
5) Phenol-d5	6.76	99	371678	18.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	234223	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	306632	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	295930	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	134288	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	150970	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	292056	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	351320	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	734688	19.92	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1058569	20.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	131941	18.01	ng/ul	0.00
57) Fluorene-d10	15.24	176	713698	19.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	118214	18.44	ng/ul	0.00
70) Anthracene-d10	17.09	188	1038608	20.40	ng/ul	0.00
76) Pyrene-d10	19.39	212	1073328	19.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	964742	19.90	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.08	88	42891	7.83 ng/uL	96
4) Benzaldehyde	6.72	77	247891	20.13 ng/ul	97
6) Phenol	6.79	94	396547	19.01 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	316921	19.37 ng/ul	99
10) 2-Chlorophenol	7.15	128	320841	19.37 ng/ul	99
11) 2-Methylphenol	8.03	108	292283	18.49 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	565964	19.65 ng/ul	99
14) Acetophenone	8.40	105	475705	19.15 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	238526	19.47 ng/ul	99
16) 4-Methylphenol	8.36	108	324680	19.00 ng/ul	93
17) Hexachloroethane	8.65	117	128660	20.04 ng/ul	98
20) Nitrobenzene	8.78	77	364065	20.85 ng/ul	97
21) Isophorone	9.30	82	607666	19.69 ng/ul	99
23) 2-Nitrophenol	9.49	139	169576	20.43 ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	342866	19.59 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	403368	19.82 ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	291935	19.89 ng/ul	97
28) Naphthalene	10.42	128	1040958	20.05 ng/ul	100
30) 4-Chloroaniline	10.53	127	367797	23.94 ng/ul	98
31) Hexachlorobutadiene	10.70	225	179805	20.40 ng/ul	100
32) Caprolactam	11.27	113	74378	17.88 ng/ul	94
33) 4-Chloro-3-methylphenol	11.67	107	297495	19.74 ng/ul	99
34) 2-Methylnaphthalene	12.04	142	719556	19.84 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	347230	20.33	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	181875	18.71	ng/ul	99
38) 2,4,6-Trichlorophenol	12.66	196	203913	19.52	ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	222899	19.90	ng/ul	94
40) 1,1'-Biphenyl	13.07	154	921322	19.88	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	701570	19.79	ng/ul	99
42) 2-Nitroaniline	13.32	65	182697	19.84	ng/ul	100
44) Dimethylphthalate	13.70	163	817043	19.77	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	156215	20.32	ng/ul	96
47) Acenaphthylene	13.96	152	1139538	19.90	ng/ul	99
48) 3-Nitroaniline	14.16	138	153662	21.23	ng/ul	96
49) Acenaphthene	14.30	153	742253	19.65	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	73978	16.37	ng/ul	98
52) 4-Nitrophenol	14.47	109	103930	18.94	ng/ul	94
53) Dibenzofuran	14.65	168	1040517	19.81	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	226443	19.86	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.87	232	177676	19.52	ng/ul	99
56) Diethylphthalate	15.07	149	809244	19.76	ng/ul	99
58) Fluorene	15.30	166	856791	19.82	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	400497	19.42	ng/ul	99
60) 4-Nitroaniline	15.32	138	168188	18.50	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	132931	19.35	ng/ul#	95
64) N-Nitrosodiphenylamine	15.51	169	704730	20.33	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	223903	20.53	ng/ul	98
66) Hexachlorobenzene	16.30	284	250921	20.40	ng/ul	96
67) Atrazine	16.46	200	225977	19.53	ng/ul	100
68) Pentachlorophenol	16.65	266	123862	18.06	ng/ul	96
69) Phenanthrene	17.03	178	1277463	20.29	ng/ul	99
71) Anthracene	17.12	178	1305048	20.36	ng/ul	99
72) Carbazole	17.40	167	1157400	20.23	ng/ul	99
73) Di-n-butylphthalate	17.96	149	1275375	20.18	ng/ul	99
74) Fluoranthene	19.06	202	1372502	20.43	ng/ul	98
77) Pyrene	19.42	202	1470829	19.95	ng/ul	98
78) Butylbenzylphthalate	20.33	149	523517	19.32	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.12	252	381984	21.19	ng/ul	99
80) Benzo(a)anthracene	21.17	228	1353683	20.05	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.11	149	811176	20.01	ng/ul	99
82) Chrysene	21.23	228	1290620	20.07	ng/ul	100
84) Di-n-octyl phthalate	21.97	149	1397922	19.11	ng/ul	100
85) Benzo(b)fluoranthene	22.71	252	1307494	19.58	ng/ul	100
86) Benzo(k)fluoranthene	22.76	252	1274260	20.39	ng/ul	98
88) Benzo(a)pyrene	23.27	252	1265158	20.24	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	1386564	20.39	ng/ul	97
90) Dibenzo(a,h)anthracene	25.54	278	1176211	20.55	ng/ul	97
91) Benzo(g,h,i)perylene	26.19	276	1170138	20.36	ng/ul	99

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

