

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004616.D
 Acq On : 16 Mar 2016 02:11
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02049

Quant Time: Mar 16 05:58:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 16 05:57:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	61246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	264854	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	153930	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	350500	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	413422	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	408885	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	14215	8.01	ng/uL	0.00
5) Phenol-d5	7.00	99	102396	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	58849	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	81805	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	80854	19.93	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	35323	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	38032	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	79080	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	107921	23.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	237058	19.70	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	295994	20.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	45580	19.60	ng/ul	0.00
58) Fluorene-d10	15.47	176	213581	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	32666	17.73	ng/ul	0.00
71) Anthracene-d10	17.32	188	330393	20.47	ng/ul	0.00
79) Pyrene-d10	19.61	212	375886	19.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	370037	20.26	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	16857	8.14	ng/uL	92
4) Benzaldehyde	6.99	77	58713	21.04	ng/ul	100
6) Phenol	7.03	94	108507	20.49	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	84695	20.55	ng/ul	94
10) 2-Chlorophenol	7.41	128	86667	20.26	ng/ul	97
11) 2-Methylphenol	8.28	108	82324	20.23	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	101996	20.69	ng/ul	93
14) Acetophenone	8.66	105	130627	20.64	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.65	70	61763	19.20	ng/ul	92
16) 4-Methylphenol	8.60	108	91733	20.47	ng/ul	96
17) Hexachloroethane	8.92	117	33139	19.51	ng/ul	96
20) Nitrobenzene	9.04	77	92188	20.28	ng/ul	94
21) Isophorone	9.56	82	170276	19.56	ng/ul	98
23) 2-Nitrophenol	9.75	139	43838	19.89	ng/ul	94
24) 2,4-Dimethylphenol	9.80	107	97973	20.30	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	111688	19.88	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	81574	20.29	ng/ul	99
28) Naphthalene	10.69	128	279330	20.23	ng/ul	100
30) 4-Chloroaniline	10.79	127	113910	23.21	ng/ul	100
31) Hexachlorobutadiene	10.97	225	48905	20.38	ng/ul	99
32) Caprolactam	11.55	113	25870	19.21	ng/ul#	81
33) 4-Chloro-3-methylphenol	11.91	107	91522	20.12	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	200832	20.42	ng/ul	98

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35) 1-Methylnaphthalene	12.52	142	192979	20.42	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	98766	20.08	ng/ul	98
38) Hexachlorocyclopentadiene	12.65	237	48657	18.27	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	63633	19.59	ng/ul	100
40) 2,4,5-Trichlorophenol	12.97	196	69707	19.89	ng/ul	98
41) 1,1'-Biphenyl	13.31	154	257083	20.00	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	193241	19.99	ng/ul	97
43) 2-Nitroaniline	13.55	65	48968	18.81	ng/ul	86
45) Dimethylphthalate	13.93	163	243010	19.89	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	42595	19.59	ng/ul	88
48) Acenaphthylene	14.20	152	323332	20.40	ng/ul	100
49) 3-Nitroaniline	14.38	138	49551	21.09	ng/ul	91
50) Acenaphthene	14.54	153	217196	20.35	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	20524	16.58	ng/ul#	90
53) 4-Nitrophenol	14.68	109	37918	20.10	ng/ul	90
54) Dibenzofuran	14.87	168	306566	20.18	ng/ul	96
55) 2,4-Dinitrotoluene	14.84	165	65780	20.05	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.10	232	60432	19.58	ng/ul	98
57) Diethylphthalate	15.30	149	244820	19.67	ng/ul	100
59) Fluorene	15.53	166	248107	20.45	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	118515	20.48	ng/ul	93
61) 4-Nitroaniline	15.54	138	52295	20.69	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.60	198	35760	17.87	ng/ul	100
65) N-Nitrosodiphenylamine	15.73	169	214996	20.26	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	70237	19.90	ng/ul	94
67) Hexachlorobenzene	16.53	284	80620	20.34	ng/ul	95
68) Atrazine	16.68	200	74400	19.83	ng/ul	98
69) Pentachlorophenol	16.87	266	49191	19.14	ng/ul	99
70) Phenanthrene	17.26	178	409151	20.43	ng/ul	100
72) Anthracene	17.36	178	415625	20.61	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	95996	19.91	ng/uL	100
74) Pentachlorobenzene	14.79	250	93959	20.19	ng/uL	98
75) Carbazole	17.62	167	381668	21.17	ng/ul	99
76) Di-n-butylphthalate	18.19	149	411647	16.10	ng/ul	100
77) Fluoranthene	19.27	202	471593	21.32	ng/ul	97
80) Pyrene	19.64	202	505533	20.18	ng/ul	98
81) Butylbenzylphthalate	20.54	149	184414	18.40	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	141497	22.16	ng/ul	99
83) Benzo(a)anthracene	21.39	228	487157	20.19	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	279542	19.62	ng/ul	99
85) Chrysene	21.44	228	471201	20.45	ng/ul	99
87) Di-n-octyl phthalate	22.22	149	492139	20.14	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	486462	19.95	ng/ul	100
89) Benzo(k)fluoranthene	23.05	252	482023	20.79	ng/ul	100
91) Benzo(a)pyrene	23.60	252	475839	20.36	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	529248	20.15	ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	440537	20.26	ng/ul	100
94) Benzo(g,h,i)perylene	26.74	276	440931	19.82	ng/ul	99

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

