

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
 Data File : BM001289.D
 Acq On : 14 May 2015 09:10
 Operator : TP/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

Quant Time: May 14 16:58:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 14 05:09:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	159195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	658530	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	373573	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	778467	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	795350	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	758770	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.87	96	26541	7.93	ng/uL	0.00
5) Phenol-d5	6.63	99	239530	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	153852	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	203530	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	194952	19.88	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	91657	21.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	102145	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	202250	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	258743	21.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	504786	20.48	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	744084	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	93534	18.88	ng/ul	0.00
57) Fluorene-d10	15.12	176	494825	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	86027	18.50	ng/ul	0.00
70) Anthracene-d10	16.96	188	723871	20.16	ng/ul	0.00
76) Pyrene-d10	19.27	212	752312	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.05	264	688801	20.72	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	29459	8.04	ng/uL	97
4) Benzaldehyde	6.58	77	163795	23.52	ng/ul	97
6) Phenol	6.65	94	251349	19.78	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	201146	20.00	ng/ul	98
10) 2-Chlorophenol	7.00	128	214195	21.28	ng/ul	99
11) 2-Methylphenol	7.90	108	194380	20.21	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	371150	20.71	ng/ul	99
14) Acetophenone	8.26	105	324471	20.36	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	160467	21.47	ng/ul	97
16) 4-Methylphenol	8.23	108	212229	20.10	ng/ul	100
17) Hexachloroethane	8.50	117	87562	20.87	ng/ul	98
20) Nitrobenzene	8.64	77	247437	21.19	ng/ul	97
21) Isophorone	9.16	82	416827	21.36	ng/ul	98
23) 2-Nitrophenol	9.35	139	117597	21.93	ng/ul	99
24) 2,4-Dimethylphenol	9.42	107	238056	20.97	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	268399	21.01	ng/ul	99
27) 2,4-Dichlorophenol	9.88	162	201914	21.33	ng/ul	98
28) Naphthalene	10.27	128	702830	20.80	ng/ul	100
30) 4-Chloroaniline	10.39	127	264214	21.85	ng/ul	97
31) Hexachlorobutadiene	10.56	225	127147	21.00	ng/ul	98
32) Caprolactam	11.13	113	51995m	18.59	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	207463	21.13	ng/ul	97
34) 2-Methylnaphthalene	11.90	142	491241	20.88	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.28	216	241690	20.51	ng/ul	99
37) Hexachlorocyclopentadiene	12.26	237	131850	19.56	ng/ul	97
38) 2,4,6-Trichlorophenol	12.53	196	143223	20.83	ng/ul	94
39) 2,4,5-Trichlorophenol	12.60	196	160622	20.84	ng/ul	99
40) 1,1'-Biphenyl	12.94	154	632890	20.48	ng/ul	100
41) 2-Chloronaphthalene	12.97	162	490636	20.40	ng/ul	99
42) 2-Nitroaniline	13.19	65	134524	21.40	ng/ul	97
44) Dimethylphthalate	13.58	163	569969	20.55	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	109208	20.78	ng/ul	96
47) Acenaphthylene	13.83	152	792831	20.55	ng/ul	100
48) 3-Nitroaniline	14.03	138	116249	19.83	ng/ul	98
49) Acenaphthene	14.18	153	523051	20.35	ng/ul	99
50) 2,4-Dinitrophenol	14.24	184	51837	16.49	ng/ul	96
52) 4-Nitrophenol	14.36	109	78033	19.15	ng/ul	94
53) Dibenzofuran	14.52	168	731143	20.54	ng/ul	99
54) 2,4-Dinitrotoluene	14.50	165	161805	20.87	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.76	232	126969	20.83	ng/ul	98
56) Diethylphthalate	14.96	149	566575	20.50	ng/ul	99
58) Fluorene	15.17	166	597596	20.26	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	284041	20.18	ng/ul	98
60) 4-Nitroaniline	15.20	138	113240	18.17	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.26	198	94410	18.78	ng/ul#	93
64) N-Nitrosodiphenylamine	15.39	169	490151	20.62	ng/ul	97
65) 4-Bromophenyl-phenylether	16.07	248	157222	20.36	ng/ul	96
66) Hexachlorobenzene	16.18	284	177569	20.93	ng/ul	98
67) Atrazine	16.34	200	158855	20.08	ng/ul	97
68) Pentachlorophenol	16.53	266	85273	18.14	ng/ul	96
69) Phenanthrene	16.91	178	884861	20.20	ng/ul	98
71) Anthracene	17.00	178	919059	20.59	ng/ul	99
72) Carbazole	17.27	167	794262	19.53	ng/ul	98
73) Di-n-butylphthalate	17.84	149	875111	20.62	ng/ul	100
74) Fluoranthene	18.93	202	966829	19.80	ng/ul	99
77) Pyrene	19.30	202	1031155	20.81	ng/ul	98
78) Butylbenzylphthalate	20.22	149	363763	21.44	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.00	252	292597	20.50	ng/ul	100
80) Benzo(a)anthracene	21.06	228	957007	20.58	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.00	149	550711	21.19	ng/ul	99
82) Chrysene	21.11	228	909971	20.58	ng/ul	99
84) Di-n-octyl phthalate	21.85	149	922873	20.07	ng/ul	100
85) Benzo(b)fluoranthene	22.56	252	928193	20.88	ng/ul	99
86) Benzo(k)fluoranthene	22.60	252	892618	20.42	ng/ul	99
88) Benzo(a)pyrene	23.09	252	893385	20.67	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.27	276	1023848	20.77	ng/ul	98
90) Dibenzo(a,h)anthracene	25.28	278	856727	20.76	ng/ul	98
91) Benzo(g,h,i)perylene	25.90	276	873179	20.76	ng/ul	99

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

