

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
 Data File : BM001711.D
 Acq On : 16 Jun 2015 13:15
 Operator : TP/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

Quant Time: Jun 17 05:24:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 17 05:22:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	59598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	229490	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	136473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	308476	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	375035	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	399109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	9749	7.80	ng/uL	0.00
5) Phenol-d5	6.83	99	84569	18.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	48674	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	67813	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	69827	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	30939	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	34154	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	72138	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	88679	23.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	192853	19.06	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	253683	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	34852	18.67	ng/ul	0.00
57) Fluorene-d10	15.32	176	178629	19.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	34874	18.51	ng/ul	0.00
70) Anthracene-d10	17.16	188	273521	19.03	ng/ul	0.00
78) Pyrene-d10	19.46	212	305532	19.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	340955	19.38	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	10143	7.11	ng/uL	95
4) Benzaldehyde	6.81	77	60106	20.08	ng/ul	99
6) Phenol	6.86	94	87161	18.45	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	67225	18.94	ng/ul	98
10) 2-Chlorophenol	7.23	128	69942	18.66	ng/ul	97
11) 2-Methylphenol	8.10	108	66424	18.99	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	81740	18.81	ng/ul	98
14) Acetophenone	8.49	105	109360	18.75	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	53739	18.86	ng/ul	95
16) 4-Methylphenol	8.43	108	72177	18.99	ng/ul	96
17) Hexachloroethane	8.74	117	28931	19.22	ng/ul	95
20) Nitrobenzene	8.87	77	82180	19.11	ng/ul	96
21) Isophorone	9.39	82	140804	19.60	ng/ul	99
23) 2-Nitrophenol	9.57	139	38149	20.05	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	83882	19.08	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	85195	19.01	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	70607	19.57	ng/ul	94
28) Naphthalene	10.50	128	221041	19.08	ng/ul	100
30) 4-Chloroaniline	10.62	127	87929	22.90	ng/ul	96
31) Hexachlorobutadiene	10.79	225	52630	19.05	ng/ul	96
32) Caprolactam	11.37	113	20046	18.60	ng/ul	97
33) 4-Chloro-3-methylphenol	11.75	107	74708	19.46	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	159988	19.09	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	96716	18.96	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	56757	18.41	ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	58659	19.77	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	62858	19.36	ng/ul	97
40) 1,1'-Biphenyl	13.15	154	214386	19.25	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	165532	18.96	ng/ul	98
42) 2-Nitroaniline	13.40	65	46625	20.14	ng/ul	98
44) Dimethylphthalate	13.78	163	209367	18.93	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	40948	19.69	ng/ul	99
47) Acenaphthylene	14.04	152	260169	19.23	ng/ul	99
48) 3-Nitroaniline	14.23	138	41582	21.40	ng/ul	88
49) Acenaphthene	14.39	153	171434	18.97	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	22602	17.53	ng/ul	97
52) 4-Nitrophenol	14.53	109	35895	18.61	ng/ul	97
53) Dibenzofuran	14.72	168	243696	18.83	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	60442	19.71	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.94	232	52888	18.84	ng/ul	97
56) Diethylphthalate	15.15	149	200758	19.09	ng/ul	98
58) Fluorene	15.37	166	200399	18.60	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	108564	18.69	ng/ul	97
60) 4-Nitroaniline	15.39	138	43406	19.68	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	36713	18.29	ng/ul	97
64) N-Nitrosodiphenylamine	15.59	169	174875	19.40	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	65193	18.95	ng/ul	96
66) Hexachlorobenzene	16.37	284	73567	19.03	ng/ul	98
67) Atrazine	16.53	200	69020	19.01	ng/ul	95
68) Pentachlorophenol	16.72	266	43145	18.21	ng/ul	100
69) Phenanthrene	17.11	178	317112	18.96	ng/ul	99
71) Anthracene	17.20	178	328618	19.14	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	92714	19.12	ng/uL	96
73) Pentachlorobenzene	14.63	250	86505	18.92	ng/uL	99
74) Carbazole	17.47	167	282976	18.78	ng/ul	99
75) Di-n-butylphthalate	18.03	149	309306	19.22	ng/ul	100
76) Fluoranthene	19.13	202	376921	18.84	ng/ul	99
79) Pyrene	19.49	202	399689	19.21	ng/ul	99
80) Butylbenzylphthalate	20.40	149	136047	20.04	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	137355	20.61	ng/ul	99
82) Benzo(a)anthracene	21.24	228	425200	19.40	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	199550	19.55	ng/ul	99
84) Chrysene	21.29	228	395718	19.05	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	358221	18.26	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	446545	19.22	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	421368	18.77	ng/ul	99
90) Benzo(a)pyrene	23.38	252	435679	19.28	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	520482	19.42	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	440910	19.50	ng/ul	98
93) Benzo(g,h,i)perylene	26.41	276	436016	19.35	ng/ul	98

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

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