

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062415\
 Data File : BM001779.D
 Acq On : 24 Jun 2015 13:18
 Operator : TP/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Quant Time: Jun 25 01:57:55 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 18 03:27:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	64176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	253294	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	148851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	339991	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	412289	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	408437	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	10683	7.94	ng/uL	0.00
5) Phenol-d5	6.83	99	92338	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	52818	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	74798	19.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	75271	19.02	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33202	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36458	19.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	77757	18.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	96586	23.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	207364	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	279429	19.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	36463	17.91	ng/ul	0.00
57) Fluorene-d10	15.31	176	197711	19.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	35084	16.89	ng/ul	0.00
70) Anthracene-d10	17.16	188	304048	19.20	ng/ul	0.00
78) Pyrene-d10	19.46	212	343403	19.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	350778	19.48	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	10838	7.05	ng/uL	97
4) Benzaldehyde	6.81	77	63530	19.71	ng/ul	99
6) Phenol	6.86	94	97376	19.14	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	74466	19.49	ng/ul	98
10) 2-Chlorophenol	7.22	128	77152	19.12	ng/ul	97
11) 2-Methylphenol	8.10	108	71689	19.04	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	87016	18.60	ng/ul	96
14) Acetophenone	8.48	105	121623	19.36	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	57225	18.65	ng/ul	96
16) 4-Methylphenol	8.43	108	79008	19.31	ng/ul	98
17) Hexachloroethane	8.73	117	31382	19.37	ng/ul	97
20) Nitrobenzene	8.86	77	89189	18.79	ng/ul	99
21) Isophorone	9.38	82	148916	18.78	ng/ul	99
23) 2-Nitrophenol	9.57	139	39782	18.94	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	88336	18.20	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.87	93	93726	18.95	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	76346	19.18	ng/ul	93
28) Naphthalene	10.50	128	242641	18.97	ng/ul	98
30) 4-Chloroaniline	10.62	127	96615	22.80	ng/ul	97
31) Hexachlorobutadiene	10.78	225	56471	18.52	ng/ul	96
32) Caprolactam	11.36	113	21652	18.21	ng/ul	90
33) 4-Chloro-3-methylphenol	11.74	107	79995	18.88	ng/ul	94
34) 2-Methylnaphthalene	12.12	142	175178	18.94	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	104873	18.85	ng/ul	97
37) Hexachlorocyclopentadiene	12.47	237	61319	18.24	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	61690	19.06	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	67251	18.99	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	235351	19.37	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	181363	19.04	ng/ul	96
42) 2-Nitroaniline	13.40	65	47232	18.70	ng/ul	91
44) Dimethylphthalate	13.77	163	224965	18.65	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	43798	19.31	ng/ul	98
47) Acenaphthylene	14.04	152	285557	19.36	ng/ul	99
48) 3-Nitroaniline	14.23	138	44656	21.07	ng/ul	98
49) Acenaphthene	14.38	153	190434	19.32	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	23026	16.38	ng/ul	97
52) 4-Nitrophenol	14.53	109	34226	16.27	ng/ul	94
53) Dibenzofuran	14.72	168	270936	19.19	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	63880	19.10	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	57473	18.77	ng/ul	100
56) Diethylphthalate	15.14	149	217771	18.98	ng/ul	98
58) Fluorene	15.37	166	224105	19.07	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	118674	18.74	ng/ul	99
60) 4-Nitroaniline	15.39	138	45788	19.04	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.44	198	37623	17.00	ng/ul#	96
64) N-Nitrosodiphenylamine	15.58	169	190503	19.18	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	72420	19.10	ng/ul	91
66) Hexachlorobenzene	16.37	284	79569	18.68	ng/ul	97
67) Atrazine	16.53	200	72590	18.14	ng/ul	95
68) Pentachlorophenol	16.71	266	46581	17.84	ng/ul	99
69) Phenanthrene	17.10	178	351596	19.07	ng/ul	99
71) Anthracene	17.19	178	362651	19.16	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	102538	19.18	ng/uL	95
73) Pentachlorobenzene	14.63	250	94165	18.69	ng/uL	97
74) Carbazole	17.47	167	319535	19.24	ng/ul	99
75) Di-n-butylphthalate	18.03	149	340028	19.17	ng/ul	99
76) Fluoranthene	19.13	202	419747	19.04	ng/ul	98
79) Pyrene	19.49	202	452301	19.77	ng/ul	99
80) Butylbenzylphthalate	20.40	149	147725	19.80	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.18	252	150676	20.57	ng/ul	99
82) Benzo(a)anthracene	21.24	228	465143	19.31	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	219427	19.55	ng/ul	100
84) Chrysene	21.30	228	434870	19.04	ng/ul	100
86) Di-n-octyl phthalate	22.05	149	384692	19.16	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	458245	19.27	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	452389	19.69	ng/ul	100
90) Benzo(a)pyrene	23.39	252	448743	19.40	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	513020	18.71	ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	430960	18.63	ng/ul	98
93) Benzo(g,h,i)perylene	26.40	276	426702	18.50	ng/ul	98

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

