

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070115\
 Data File : BM001814.D
 Acq On : 01 Jul 2015 19:02
 Operator : TP/UM
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02017

Quant Time: Jul 02 07:54:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 02 07:09:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	52953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	202775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	119226	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	270374	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	313164	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	312541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	9198	8.28	ng/uL	0.00
5) Phenol-d5	6.83	99	81431	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	45793	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	66203	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	66010	20.22	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	30069	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	33248	21.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	69952	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	82120	24.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	176878	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	241144	20.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	29878	18.32	ng/ul	0.00
57) Fluorene-d10	15.31	176	168151	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	31262	18.93	ng/ul	0.00
70) Anthracene-d10	17.16	188	259093	20.57	ng/ul	0.00
78) Pyrene-d10	19.46	212	282249	21.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	284139	20.62	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	9392	7.41	ng/ul	98
4) Benzaldehyde	6.81	77	54954	20.66	ng/ul	99
6) Phenol	6.85	94	84142	20.05	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	62891	19.95	ng/ul	99
10) 2-Chlorophenol	7.22	128	68005	20.42	ng/ul	99
11) 2-Methylphenol	8.10	108	61466	19.78	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	72493	18.78	ng/ul	96
14) Acetophenone	8.48	105	105256	20.31	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	50888	20.10	ng/ul	98
16) 4-Methylphenol	8.43	108	67147	19.89	ng/ul	100
17) Hexachloroethane	8.73	117	26936	20.15	ng/ul	97
20) Nitrobenzene	8.86	77	78318	20.61	ng/ul	99
21) Isophorone	9.38	82	131482	20.71	ng/ul	98
23) 2-Nitrophenol	9.57	139	35741	21.26	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	78168	20.12	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.87	93	79426	20.05	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	67089	21.05	ng/ul	93
28) Naphthalene	10.50	128	206226	20.14	ng/ul	99
30) 4-Chloroaniline	10.62	127	83294	24.55	ng/ul	100
31) Hexachlorobutadiene	10.78	225	51845	21.24	ng/ul	95
32) Caprolactam	11.37	113	18172	19.09	ng/ul	80
33) 4-Chloro-3-methylphenol	11.74	107	69254	20.41	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	148839	20.10	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	92621	20.79	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	50201	18.64	ng/ul	95
38) 2,4,6-Trichlorophenol	12.74	196	54709	21.10	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	60228	21.23	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	199595	20.51	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	155616	20.40	ng/ul	99
42) 2-Nitroaniline	13.40	65	42238	20.88	ng/ul	97
44) Dimethylphthalate	13.77	163	193944	20.07	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	39100	21.52	ng/ul	97
47) Acenaphthylene	14.04	152	242050	20.48	ng/ul	99
48) 3-Nitroaniline	14.23	138	37991	22.38	ng/ul	90
49) Acenaphthene	14.38	153	160943	20.38	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	19756	17.54	ng/ul	94
52) 4-Nitrophenol	14.53	109	31854	18.90	ng/ul	90
53) Dibenzofuran	14.72	168	231831	20.50	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	55819	20.84	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.94	232	51610	21.04	ng/ul	97
56) Diethylphthalate	15.14	149	186844	20.33	ng/ul	97
58) Fluorene	15.37	166	193607	20.57	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	105612	20.82	ng/ul	99
60) 4-Nitroaniline	15.39	138	39452	20.48	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	32831	18.66	ng/ul	100
64) N-Nitrosodiphenylamine	15.58	169	161509	20.45	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	62682	20.79	ng/ul	95
66) Hexachlorobenzene	16.37	284	70155	20.71	ng/ul	98
67) Atrazine	16.53	200	63967	20.10	ng/ul	96
68) Pentachlorophenol	16.71	266	39697	19.11	ng/ul	98
69) Phenanthrene	17.10	178	296745	20.24	ng/ul	99
71) Anthracene	17.20	178	303289	20.15	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	89322	21.01	ng/uL	94
73) Pentachlorobenzene	14.63	250	83638	20.87	ng/uL	98
74) Carbazole	17.47	167	262780	19.90	ng/ul	98
75) Di-n-butylphthalate	18.03	149	290137	20.57	ng/ul	100
76) Fluoranthene	19.13	202	348915	19.90	ng/ul	99
79) Pyrene	19.49	202	370166	21.31	ng/ul	99
80) Butylbenzylphthalate	20.40	149	122911	21.68	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.18	252	120827	21.71	ng/ul	96
82) Benzo(a)anthracene	21.24	228	380339	20.79	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	179554	21.06	ng/ul	99
84) Chrysene	21.29	228	350325	20.20	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	308967	20.11	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	383252	21.07	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	360134	20.48	ng/ul	99
90) Benzo(a)pyrene	23.38	252	365333	20.64	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.71	276	430707	20.52	ng/ul	97
92) Dibenzo(a,h)anthracene	25.73	278	366859	20.72	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	363605	20.60	ng/ul	98

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

