

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071515\
 Data File : BM001936.D
 Acq On : 15 Jul 2015 09:43
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

Quant Time: Jul 15 14:06:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 07:11:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	64744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	281543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	186464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	445985	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	535515	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	515232	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	10443	7.89	ng/uL	0.00
5) Phenol-d5	6.82	99	101705	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	56165	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	80341	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	85834	19.77	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	40182	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	46442	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	93498	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	104837	21.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	294668	19.59	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	351195	19.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	49447	19.41	ng/ul	0.00
57) Fluorene-d10	15.30	176	253653	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	52877	18.31	ng/ul	0.00
70) Anthracene-d10	17.16	188	399817	19.10	ng/ul	0.00
78) Pyrene-d10	19.46	212	459294	18.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	503065	19.31	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	10544	7.55	ng/uL	99
4) Benzaldehyde	6.80	77	43688	17.10	ng/ul	99
6) Phenol	6.85	94	105018	19.24	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	79577	19.79	ng/ul	99
10) 2-Chlorophenol	7.22	128	83146	19.52	ng/ul	98
11) 2-Methylphenol	8.09	108	80691	19.41	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	91987	19.59	ng/ul	97
14) Acetophenone	8.47	105	138370	20.17	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	69129	19.63	ng/ul	97
16) 4-Methylphenol	8.43	108	90506	19.89	ng/ul	96
17) Hexachloroethane	8.72	117	32970	19.38	ng/ul	95
20) Nitrobenzene	8.86	77	99525	19.21	ng/ul	99
21) Isophorone	9.37	82	185848	19.21	ng/ul	98
23) 2-Nitrophenol	9.56	139	49571	19.52	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	105648	19.58	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	111473	19.20	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	90428	19.66	ng/ul	98
28) Naphthalene	10.49	128	275137	19.36	ng/ul	100
30) 4-Chloroaniline	10.61	127	108068	21.58	ng/ul	97
31) Hexachlorobutadiene	10.77	225	65922	19.99	ng/ul	96
32) Caprolactam	11.37	113	44301	20.39	ng/ul	99
33) 4-Chloro-3-methylphenol	11.74	107	101001	20.02	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	210988	19.94	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	130123	19.54	ng/ul	96
37) Hexachlorocyclopentadiene	12.46	237	69654	18.20	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	81913	19.66	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	86733	19.11	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	286652	19.15	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	224964	19.30	ng/ul	98
42) 2-Nitroaniline	13.39	65	63724	19.40	ng/ul	97
44) Dimethylphthalate	13.77	163	296234	19.36	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	62677	19.90	ng/ul	97
47) Acenaphthylene	14.03	152	358401	19.42	ng/ul	99
48) 3-Nitroaniline	14.22	138	55652	19.99	ng/ul	97
49) Acenaphthene	14.37	153	237856	19.22	ng/ul	96
50) 2,4-Dinitrophenol	14.43	184	34112	17.96	ng/ul	96
52) 4-Nitrophenol	14.53	109	47537	20.25	ng/ul	94
53) Dibenzofuran	14.71	168	345927	19.46	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	92736	20.28	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.94	232	80514	20.06	ng/ul	98
56) Diethylphthalate	15.14	149	296788	19.58	ng/ul	99
58) Fluorene	15.36	166	292085	19.59	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	157555	19.51	ng/ul	99
60) 4-Nitroaniline	15.39	138	56879	19.41	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	56865	18.56	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	254539	19.10	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	99358	19.49	ng/ul	94
66) Hexachlorobenzene	16.36	284	108901	19.29	ng/ul	99
67) Atrazine	16.53	200	103100	19.61	ng/ul	98
68) Pentachlorophenol	16.71	266	63501	18.25	ng/ul	97
69) Phenanthrene	17.10	178	460577	19.06	ng/ul	98
71) Anthracene	17.19	178	481021	19.30	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	128491	18.81	ng/uL	99
73) Pentachlorobenzene	14.63	250	125859	18.92	ng/uL	97
74) Carbazole	17.46	167	418405	19.48	ng/ul	100
75) Di-n-butylphthalate	18.03	149	490191	18.91	ng/ul	100
76) Fluoranthene	19.12	202	567527	20.10	ng/ul	99
79) Pyrene	19.49	202	592474	18.49	ng/ul	100
80) Butylbenzylphthalate	20.39	149	222416	18.26	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.18	252	185923	18.72	ng/ul	98
82) Benzo(a)anthracene	21.24	228	615144	19.30	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	328092	18.37	ng/ul	99
84) Chrysene	21.29	228	576115	19.30	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	561347	17.50	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	592895	18.78	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	589405	19.41	ng/ul	99
90) Benzo(a)pyrene	23.39	252	573175	19.32	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	625140	20.07	ng/ul	100
92) Dibenzo(a,h)anthracene	25.74	278	530024	20.12	ng/ul	98
93) Benzo(g,h,i)perylene	26.41	276	509938	19.93	ng/ul	97

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

