

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
 Data File : BM001845.D
 Acq On : 06 Jul 2015 20:23
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02021

Quant Time: Jul 07 06:58:42 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	64648	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	248780	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	149968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	342585	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	407297	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	403301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	11295	8.33	ng/uL	0.00
5) Phenol-d5	6.83	99	102367	20.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	56236	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	83401	21.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	81349	20.41	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37814	21.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	42160	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	86826	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	105246	25.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	222850	20.04	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	299332	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	41531	20.24	ng/ul	0.00
57) Fluorene-d10	15.31	176	215055	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	40161	19.19	ng/ul	0.00
70) Anthracene-d10	17.16	188	329865	20.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	371148	21.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	371314	20.89	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.18	88	11853	7.66 ng/ul	98
4) Benzaldehyde	6.81	77	68312	21.04 ng/ul	98
6) Phenol	6.86	94	104896	20.47 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	79004	20.52 ng/ul	98
10) 2-Chlorophenol	7.23	128	84269	20.73 ng/ul	97
11) 2-Methylphenol	8.10	108	77812	20.51 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.20	45	88674	18.82 ng/ul	96
14) Acetophenone	8.49	105	128418	20.30 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	63037	20.39 ng/ul	97
16) 4-Methylphenol	8.43	108	84465	20.49 ng/ul	99
17) Hexachloroethane	8.73	117	33235	20.36 ng/ul	93
20) Nitrobenzene	8.86	77	96832	20.77 ng/ul	94
21) Isophorone	9.38	82	166664	21.40 ng/ul	99
23) 2-Nitrophenol	9.57	139	46011	22.31 ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	97621	20.48 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	100185	20.62 ng/ul	100
27) 2,4-Dichlorophenol	10.10	162	82307	21.05 ng/ul	96
28) Naphthalene	10.50	128	256393	20.41 ng/ul	99
30) 4-Chloroaniline	10.62	127	105860	25.43 ng/ul	99
31) Hexachlorobutadiene	10.78	225	63203	21.10 ng/ul	95
32) Caprolactam	11.37	113	24669	21.12 ng/ul	87
33) 4-Chloro-3-methylphenol	11.75	107	87574	21.04 ng/ul	94
34) 2-Methylnaphthalene	12.12	142	187269	20.61 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	114959	20.51	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	59042	17.43	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.74	196	70375	21.58	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	75968	21.29	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	245743	20.08	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	193838	20.20	ng/ul	98
42) 2-Nitroaniline	13.40	65	53595	21.07	ng/ul	93
44) Dimethylphthalate	13.77	163	241734	19.89	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	49391	21.62	ng/ul	95
47) Acenaphthylene	14.04	152	300229	20.20	ng/ul	99
48) 3-Nitroaniline	14.23	138	50321	23.57	ng/ul	95
49) Acenaphthene	14.38	153	199256	20.06	ng/ul	97
50) 2,4-Dinitrophenol	14.43	184	26716	18.86	ng/ul	96
52) 4-Nitrophenol	14.53	109	39587	18.67	ng/ul	92
53) Dibenzofuran	14.72	168	288606	20.29	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	72791	21.61	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.95	232	66362	21.51	ng/ul	96
56) Diethylphthalate	15.15	149	236483	20.46	ng/ul	98
58) Fluorene	15.37	166	239414	20.22	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	130158	20.40	ng/ul	100
60) 4-Nitroaniline	15.40	138	53064	21.90	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.45	198	43472	19.50	ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	203891	20.37	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	78743	20.61	ng/ul	97
66) Hexachlorobenzene	16.37	284	87142	20.30	ng/ul	99
67) Atrazine	16.53	200	81886	20.31	ng/ul	93
68) Pentachlorophenol	16.71	266	53428	20.30	ng/ul	98
69) Phenanthrene	17.10	178	375958	20.24	ng/ul	99
71) Anthracene	17.20	178	386373	20.26	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	110393	20.50	ng/uL	95
73) Pentachlorobenzene	14.63	250	102134	20.12	ng/uL	96
74) Carbazole	17.47	167	340757	20.36	ng/ul	99
75) Di-n-butylphthalate	18.03	149	383743	21.47	ng/ul	99
76) Fluoranthene	19.13	202	455016	20.48	ng/ul	99
79) Pyrene	19.49	202	478844	21.19	ng/ul	98
80) Butylbenzylphthalate	20.39	149	174650	23.69	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	164364	22.71	ng/ul	98
82) Benzo(a)anthracene	21.24	228	489743	20.58	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	256089	23.10	ng/ul	99
84) Chrysene	21.29	228	460650	20.42	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	440582	22.23	ng/ul	100
87) Benzo(b)fluoranthene	22.80	252	491941	20.95	ng/ul	100
88) Benzo(k)fluoranthene	22.85	252	475110	20.94	ng/ul	98
90) Benzo(a)pyrene	23.38	252	476680	20.87	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	561741	20.74	ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	476586	20.86	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	466200	20.47	ng/ul	100

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

