

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
 Data File : BM006186.D
 Acq On : 01 Jul 2016 19:49
 Operator : UM/SJ
 Sample : SSTD01060
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01060

Quant Time: Jul 02 23:39:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 23:37:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	152600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	706316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	427126	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1016065	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1166568	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1273083	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	14482	3.71	ng/uL	0.00
5) Phenol-d5	6.83	99	144224	9.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	89381	10.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	112068	9.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	118531	9.56	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	55506	10.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	63599	11.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	117443	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	114839	9.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	370250	10.47	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	459499	10.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	70892	9.87	ng/ul	0.00
57) Fluorene-d10	15.30	176	323067	10.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	57131	10.29	ng/ul	0.00
70) Anthracene-d10	17.16	188	516183	10.94	ng/ul	0.00
76) Pyrene-d10	19.46	212	582822	12.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	626781	10.92	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.20	88	16088	3.72 ng/uL#	22
4) Benzaldehyde	6.80	77	98940	13.46 ng/ul	98
6) Phenol	6.86	94	150364	9.76 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	117508	10.54 ng/ul	96
10) 2-Chlorophenol	7.22	128	113822	9.82 ng/ul	100
11) 2-Methylphenol	8.10	108	116869	9.75 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	173237	10.87 ng/ul	98
14) Acetophenone	8.47	105	194410	10.30 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.46	70	102781	9.66 ng/ul	99
16) 4-Methylphenol	8.43	108	129465	9.70 ng/ul	96
17) Hexachloroethane	8.72	117	46743	10.79 ng/ul	88
20) Nitrobenzene	8.85	77	148241	11.29 ng/ul	95
21) Isophorone	9.37	82	279841	10.56 ng/ul	99
23) 2-Nitrophenol	9.56	139	68848	11.11 ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	147361	10.78 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	172313	11.01 ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	115197	10.25 ng/ul	98
28) Naphthalene	10.49	128	371982	10.32 ng/ul	98
30) 4-Chloroaniline	10.60	127	120484	9.33 ng/ul	98
31) Hexachlorobutadiene	10.77	225	73761	11.31 ng/ul	97
32) Caprolactam	11.36	113	45083	10.45 ng/ul	92
33) 4-Chloro-3-methylphenol	11.75	107	141997	10.31 ng/ul	95
34) 2-Methylnaphthalene	12.11	142	284889	10.10 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	147248	11.05	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	77209	10.41	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	101066	10.95	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	105744	10.51	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	370574	10.69	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	283760	10.64	ng/ul	99
42) 2-Nitroaniline	13.39	65	104434	11.81	ng/ul	96
44) Dimethylphthalate	13.76	163	374159	10.42	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	78725	11.05	ng/ul	99
47) Acenaphthylene	14.03	152	485841	11.09	ng/ul	99
48) 3-Nitroaniline	14.22	138	72998	9.99	ng/ul	99
49) Acenaphthene	14.37	153	309401	10.51	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	36881	8.93	ng/ul	99
52) 4-Nitrophenol	14.55	109	69530	10.59	ng/ul	95
53) Dibenzofuran	14.71	168	446553	10.39	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	111923	10.54	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.94	232	97139	10.32	ng/ul	95
56) Diethylphthalate	15.13	149	389344	10.26	ng/ul	99
58) Fluorene	15.36	166	362672	10.30	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.36	204	180786	10.64	ng/ul	97
60) 4-Nitroaniline	15.39	138	94541	10.81	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.46	198	63393	10.51	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	325240	11.14	ng/ul	100
65) 4-Bromophenyl-phenylether	16.25	248	118856	11.30	ng/ul	99
66) Hexachlorobenzene	16.37	284	133076	10.98	ng/ul	97
67) Atrazine	16.53	200	127378	12.14	ng/ul	98
68) Pentachlorophenol	16.72	266	62951	8.42	ng/ul	98
69) Phenanthrene	17.10	178	592976	10.26	ng/ul	100
71) Anthracene	17.19	178	619241	10.77	ng/ul	99
72) Carbazole	17.46	167	563870	10.95	ng/ul	99
73) Di-n-butylphthalate	18.03	149	709425	10.93	ng/ul	100
74) Fluoranthene	19.12	202	740096	11.03	ng/ul	99
77) Pyrene	19.49	202	774546	11.97	ng/ul	98
78) Butylbenzylphthalate	20.39	149	347038	12.44	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	262833	11.74	ng/ul	99
80) Benzo(a)anthracene	21.24	228	757643	10.92	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	490890	12.06	ng/ul	99
82) Chrysene	21.29	228	697466	10.73	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	890488	12.62	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	809407	11.10	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	752886	10.55	ng/ul	99
88) Benzo(a)pyrene	23.38	252	773624	10.66	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.71	276	892138	9.58	ng/ul	100
90) Dibenzo(a,h)anthracene	25.72	278	745378	9.65	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	753213	9.33	ng/ul	99

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

