

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061015\
 Data File : BM001627.D
 Acq On : 10 Jun 2015 11:15
 Operator : TP/IZ
 Sample : SSTD02081
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02081

Quant Time: Jun 10 12:27:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 12:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	90515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	324471	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	178687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	400352	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	479100	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	477655	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	15661	8.06	ng/uL	0.00
5) Phenol-d5	6.85	99	125822	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	71870	16.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	103479	18.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	98552	17.69	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	42630	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	48437	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	99582	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	117026	25.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	245225	20.60	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	328059	19.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	40676	17.57	ng/ul	0.00
57) Fluorene-d10	15.33	176	227004	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	39572	18.20	ng/ul	0.00
70) Anthracene-d10	17.19	188	345307	19.05	ng/ul	0.00
76) Pyrene-d10	19.49	212	383982	17.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	393328	18.40	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	17172	8.55	ng/uL	87
4) Benzaldehyde	6.83	77	90688	20.02	ng/ul	92
6) Phenol	6.88	94	132688	17.77	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.12	93	99567	16.72	ng/ul	95
10) 2-Chlorophenol	7.25	128	106752	17.57	ng/ul	97
11) 2-Methylphenol	8.13	108	95334	16.93	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.22	45	120310	11.34	ng/ul#	87
14) Acetophenone	8.51	105	157649	17.44	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.49	70	77824	17.31	ng/ul#	86
16) 4-Methylphenol	8.45	108	100453	16.34	ng/ul	93
17) Hexachloroethane	8.76	117	42573	18.07	ng/ul#	83
20) Nitrobenzene	8.89	77	119982	21.21	ng/ul	96
21) Isophorone	9.40	82	197235	19.72	ng/ul#	97
23) 2-Nitrophenol	9.60	139	52919	19.68	ng/ul#	93
24) 2,4-Dimethylphenol	9.65	107	118412	20.88	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	118589	17.98	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	96882	20.37	ng/ul	98
28) Naphthalene	10.53	128	306885	18.24	ng/ul	99
30) 4-Chloroaniline	10.64	127	121004	25.59	ng/ul	93
31) Hexachlorobutadiene	10.81	225	77598	27.17	ng/ul	100
32) Caprolactam	11.40	113	25440	20.16	ng/ul	83
33) 4-Chloro-3-methylphenol	11.76	107	97890	20.04	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	216351	18.41	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	130445	23.66	ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	77322	26.76	ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	77586	23.01	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	83185	23.01	ng/ul	93
40) 1,1'-Biphenyl	13.17	154	278131	18.59	ng/ul	96
41) 2-Chloronaphthalene	13.21	162	220251	19.24	ng/ul	98
42) 2-Nitroaniline	13.42	65	58848	18.90	ng/ul	95
44) Dimethylphthalate	13.80	163	267683	20.07	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	52692	21.23	ng/ul	94
47) Acenaphthylene	14.06	152	336599	18.21	ng/ul	99
48) 3-Nitroaniline	14.25	138	51543	21.76	ng/ul#	95
49) Acenaphthene	14.40	153	222443	18.25	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	23657	17.36	ng/ul#	88
52) 4-Nitrophenol	14.55	109	45749	26.14	ng/ul#	68
53) Dibenzofuran	14.74	168	316555	18.67	ng/ul	92
54) 2,4-Dinitrotoluene	14.71	165	74579	20.26	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.96	232	70907	24.12	ng/ul#	95
56) Diethylphthalate	15.17	149	257616	19.48	ng/ul	99
58) Fluorene	15.39	166	261088	18.71	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	141356	21.23	ng/ul	96
60) 4-Nitroaniline	15.42	138	52974	18.03	ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	15.47	198	42032	17.93	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	217938	17.66	ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	84269	21.71	ng/ul	99
66) Hexachlorobenzene	16.39	284	93474	21.35	ng/ul	94
67) Atrazine	16.55	200	86847	21.97	ng/ul	95
68) Pentachlorophenol	16.73	266	56128	24.18	ng/ul	98
69) Phenanthrene	17.13	178	399941	17.84	ng/ul	98
71) Anthracene	17.22	178	414578	18.17	ng/ul	98
72) Carbazole	17.49	167	361268	17.81	ng/ul	97
73) Di-n-butylphthalate	18.06	149	393526	17.49	ng/ul#	98
74) Fluoranthene	19.14	202	480900	19.90	ng/ul#	87
77) Pyrene	19.51	202	503504	16.55	ng/ul#	86
78) Butylbenzylphthalate	20.42	149	168742	15.09	ng/ul#	95
79) 3,3'-Dichlorobenzidine	21.20	252	170834	23.48	ng/ul#	97
80) Benzo(a)anthracene	21.26	228	526103	18.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	249128	14.90	ng/ul#	98
82) Chrysene	21.32	228	487605	18.38	ng/ul	98
84) Di-n-octyl phthalate	22.07	149	428202	13.65	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	520638	17.67	ng/ul#	93
86) Benzo(k)fluoranthene	22.89	252	510682	18.53	ng/ul#	95
88) Benzo(a)pyrene	23.42	252	507269	18.40	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.77	276	606337	20.22	ng/ul#	87
90) Dibenzo(a,h)anthracene	25.79	278	506916	20.08	ng/ul#	92
91) Benzo(g,h,i)perylene	26.47	276	516634	20.39	ng/ul#	87

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

