

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100317\
 Data File : BM011882.D
 Acq On : 04 Oct 2017 09:53
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02018

Quant Time: Oct 04 12:39:52 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 04 05:30:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	230424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1069523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	710810	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1784815	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2256337	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	2235485	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	37004	7.60	ng/uL	0.00
5) Phenol-d5	7.03	99	367950	18.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	220624	18.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	315223	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	324379	18.93	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	149440	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	172779	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	344684	19.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	420206	22.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1183797	19.22	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1417280	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	195585	18.17	ng/ul	0.00
57) Fluorene-d10	15.50	176	1039818	19.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	205563	17.12	ng/ul	0.00
70) Anthracene-d10	17.36	188	1697833	19.30	ng/ul	0.00
76) Pyrene-d10	19.64	212	2041195	20.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	2084551	19.38	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.32	88	36219	7.316	ng/uL# 71
4) Benzaldehyde	7.02	77	201710	20.418	ng/ul 93
6) Phenol	7.06	94	361934	18.450	ng/ul# 82
8) Bis(2-Chloroethyl)ether	7.29	93	279507	18.975	ng/ul 97
10) 2-Chlorophenol	7.43	128	302776	19.482	ng/ul 98
11) 2-Methylphenol	8.31	108	278544	18.669	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.41	45	362632	19.250	ng/ul# 87
14) Acetophenone	8.70	105	472978	18.861	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.68	70	251790	19.621	ng/ul# 71
16) 4-Methylphenol	8.64	108	316049	18.925	ng/ul 94
17) Hexachloroethane	8.95	117	121954	19.558	ng/ul 83
20) Nitrobenzene	9.08	77	364033	19.784	ng/ul 93
21) Isophorone	9.60	82	668109	19.471	ng/ul# 93
23) 2-Nitrophenol	9.79	139	180578	20.028	ng/ul# 77
24) 2,4-Dimethylphenol	9.85	107	375402	19.413	ng/ul# 87
25) Bis(2-Chloroethoxy)methane	10.09	93	405117	19.228	ng/ul 95
27) 2,4-Dichlorophenol	10.32	162	332915	19.900	ng/ul 91
28) Naphthalene	10.73	128	1031169	19.220	ng/ul 100
30) 4-Chloroaniline	10.84	127	404428	21.788	ng/ul 93
31) Hexachlorobutadiene	11.00	225	240848	19.623	ng/ul 93
32) Caprolactam	11.61	113	101063	18.426	ng/ul# 45
33) 4-Chloro-3-methylphenol	11.96	107	358531	19.716	ng/ul 93
34) 2-Methylnaphthalene	12.34	142	804500	19.665	ng/ul 96

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36) 1,2,4,5-Tetrachlorobenzene	12.70	216	457649	18.979	ng/ul	98
37) Hexachlorocyclopentadiene	12.68	237	220527	15.713	ng/ul	99
38) 2,4,6-Trichlorophenol	12.95	196	304354	19.873	ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	324549	20.134	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	1078054	18.970	ng/ul	98
41) 2-Chloronaphthalene	13.39	162	848780	19.087	ng/ul	99
42) 2-Nitroaniline	13.60	65	223128	19.766	ng/ul	90
44) Dimethylphthalate	13.97	163	1143044	19.286	ng/ul	100
45) 2,6-Dinitrotoluene	14.09	165	227380	20.349	ng/ul	93
47) Acenaphthylene	14.24	152	1372412	19.552	ng/ul	99
48) 3-Nitroaniline	14.43	138	197244	19.002	ng/ul	86
49) Acenaphthene	14.58	153	928699	19.120	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	120064	16.258	ng/ul	96
52) 4-Nitrophenol	14.72	109	164047	19.071	ng/ul#	81
53) Dibenzofuran	14.92	168	1362352	19.325	ng/ul	97
54) 2,4-Dinitrotoluene	14.88	165	338012	20.459	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.14	232	311195	19.769	ng/ul	93
56) Diethylphthalate	15.33	149	1169842	19.447	ng/ul	95
58) Fluorene	15.56	166	1130255	19.199	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.55	204	600928	19.301	ng/ul	99
60) 4-Nitroaniline	15.59	138	213327	17.642	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.64	198	208461	16.990	ng/ul	93
64) N-Nitrosodiphenylamine	15.77	169	986229	19.128	ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	377233	18.869	ng/ul	93
66) Hexachlorobenzene	16.56	284	417333	18.671	ng/ul#	89
67) Atrazine	16.72	200	387492	18.983	ng/ul	94
68) Pentachlorophenol	16.91	266	254716	18.115	ng/ul	98
69) Phenanthrene	17.30	178	1865299	18.999	ng/ul	99
71) Anthracene	17.39	178	1937403	19.394	ng/ul	99
72) Carbazole	17.66	167	1603175	18.527	ng/ul	99
73) Di-n-butylphthalate	18.21	149	2010391	19.389	ng/ul#	97
74) Fluoranthene	19.31	202	2342243	19.553	ng/ul#	90
77) Pyrene	19.67	202	2519855	20.141	ng/ul#	90
78) Butylbenzylphthalate	20.56	149	1009094	20.590	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.34	252	780503	18.581	ng/ul#	97
80) Benzo(a)anthracene	21.41	228	2593392	20.063	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1475291	20.235	ng/ul#	97
82) Chrysene	21.46	228	2469675	20.109	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2607770	19.967	ng/ul	99
85) Benzo(b)fluoranthene	23.05	252	2577560	18.969	ng/ul#	96
86) Benzo(k)fluoranthene	23.10	252	2699517	19.900	ng/ul#	97
88) Benzo(a)pyrene	23.65	252	2515716	19.268	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.13	276	2568610	18.384	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.14	278	2145815	18.691	ng/ul#	95
91) Benzo(g,h,i)perylene	26.86	276	2084672	18.037	ng/ul#	94

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

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