

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040918\
 Data File : BM014686.D
 Acq On : 09 Apr 2018 14:30
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02073

Quant Time: Apr 10 01:37:26 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 10 01:36:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	365387	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1444480	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	714864	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	1423061	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1474814	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	1482382	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	69438	9.14	ng/uL	0.00
5) Phenol-d5	7.69	99	571081	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	374287	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	474495	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	450601	18.93	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	213044	22.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	184496	22.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	422219	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	552410	22.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1102506	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	1456941	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	184328	20.11	ng/ul	0.00
57) Fluorene-d10	16.14	176	973741	20.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	120335	19.81	ng/ul	0.00
70) Anthracene-d10	17.98	188	1389312	20.72	ng/ul	0.00
78) Pyrene-d10	20.22	212	1434310	19.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	1494415	20.53	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.73	88	72769	8.899	ng/uL 95
4) Benzaldehyde	7.69	77	366645	22.008	ng/ul 93
6) Phenol	7.72	94	568914	19.993	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.97	93	456951	20.317	ng/ul# 89
10) 2-Chlorophenol	8.12	128	472230	19.891	ng/ul# 90
11) 2-Methylphenol	9.00	108	412049	19.016	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	9.10	45	849139	20.368	ng/ul# 81
14) Acetophenone	9.40	105	682874	19.394	ng/ul# 89
15) N-Nitroso-di-n-propylamine	9.38	70	337537	17.916	ng/ul# 76
16) 4-Methylphenol	9.33	108	442495	19.001	ng/ul 97
17) Hexachloroethane	9.69	117	193499	20.112	ng/ul 98
20) Nitrobenzene	9.80	77	518876	21.903	ng/ul 94
21) Isophorone	10.32	82	847269	18.317	ng/ul 98
23) 2-Nitrophenol	10.52	139	217702	22.384	ng/ul# 90
24) 2,4-Dimethylphenol	10.55	107	490140	19.947	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.80	93	569658	20.015	ng/ul 98
27) 2,4-Dichlorophenol	11.05	162	402463	20.112	ng/ul 99
28) Naphthalene	11.47	128	1451294	20.609	ng/ul 100
30) 4-Chloroaniline	11.56	127	531366	23.055	ng/ul 98
31) Hexachlorobutadiene	11.75	225	270328	20.241	ng/ul 97
32) Caprolactam	12.30	113	87460	14.598	ng/ul# 52
33) 4-Chloro-3-methylphenol	12.64	107	399733	18.778	ng/ul 96
34) 2-Methylnaphthalene	13.04	142	990810	19.723	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	485795	21.408	ng/ul	98
37) Hexachlorocyclopentadiene	13.37	237	321628	21.269	ng/ul	98
38) 2,4,6-Trichlorophenol	13.62	196	281149	20.860	ng/ul	96
39) 2,4,5-Trichlorophenol	13.69	196	298962	21.175	ng/ul	100
40) 1,1'-Biphenyl	14.02	154	1230535	21.495	ng/ul	99
41) 2-Chloronaphthalene	14.07	162	949147	21.394	ng/ul	97
42) 2-Nitroaniline	14.25	65	231094	22.355	ng/ul	83
44) Dimethylphthalate	14.60	163	1073072	19.717	ng/ul	100
45) 2,6-Dinitrotoluene	14.73	165	192244	21.871	ng/ul	93
47) Acenaphthylene	14.90	152	1417027	20.825	ng/ul	99
48) 3-Nitroaniline	15.06	138	203818	22.955	ng/ul	94
49) Acenaphthene	15.23	153	987496	20.786	ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	73665	19.364	ng/ul#	14
52) 4-Nitrophenol	15.33	109	143638	20.614	ng/ul#	87
53) Dibenzofuran	15.56	168	1346907	20.660	ng/ul	97
54) 2,4-Dinitrotoluene	15.50	165	273321	21.540	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.77	232	233403	19.432	ng/ul	97
56) Diethylphthalate	15.94	149	1043269	19.161	ng/ul	99
58) Fluorene	16.20	166	1067992	20.111	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.19	204	534395	19.647	ng/ul	94
60) 4-Nitroaniline	16.20	138	207114	20.650	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.26	198	128394	19.580	ng/ul#	97
64) N-Nitrosodiphenylamine	16.39	169	890779	20.952	ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	313572	19.655	ng/ul	92
66) Hexachlorobenzene	17.19	284	364735	20.446	ng/ul	91
67) Atrazine	17.31	200	285298	19.266	ng/ul	99
68) Pentachlorophenol	17.52	266	172672	18.419	ng/ul	99
69) Phenanthrene	17.93	178	1608218	21.093	ng/ul	99
71) Anthracene	18.02	178	1638493	21.107	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	480758	22.035	ng/uL	99
73) Pentachlorobenzene	15.48	250	449092	21.367	ng/uL	99
74) Carbazole	18.27	167	1380384	21.479	ng/ul	99
75) Di-n-butylphthalate	18.79	149	1560436	19.559	ng/ul	99
76) Fluoranthene	19.89	202	1724579	21.870	ng/ul	99
79) Pyrene	20.24	202	1784234	19.364	ng/ul	97
80) Butylbenzylphthalate	21.08	149	622538	19.304	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.87	252	580040	21.730	ng/ul	99
82) Benzo(a)anthracene	21.95	228	1766895	20.432	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.84	149	899280	18.699	ng/ul	99
84) Chrysene	22.00	228	1661046	20.567	ng/ul	100
86) Di-n-octyl phthalate	22.80	149	1472980	16.942	ng/ul#	89
87) Benzo(b)fluoranthene	23.71	252	1741957	19.588	ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	1765303	20.627	ng/ul	100
90) Benzo(a)pyrene	24.37	252	1709722	20.541	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2049572	21.956	ng/ul	96
92) Dibenzo(a,h)anthracene	27.10	278	1714927	21.908	ng/ul	98
93) Benzo(g,h,i)perylene	27.90	276	1684912	22.201	ng/ul	97

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

