

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062118\
 Data File : BM015728.D
 Acq On : 21 Jun 2018 10:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02022

Quant Time: Jun 22 01:16:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 21 11:23:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	90830	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	399382	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	229745	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	527480	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	609625	20.00	ng/ul	0.00
85) Perylene-d12	24.18	264	567012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	15899	8.51	ng/uL	0.00
5) Phenol-d5	7.46	99	141046	17.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	89946	18.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	124466	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	118995	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	55647	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	60196	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	121667	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	154745	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	365316	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	418377	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	57827	15.75	ng/ul	0.00
57) Fluorene-d10	15.92	176	314446	19.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	54943	17.29	ng/ul	0.00
70) Anthracene-d10	17.76	188	489642	20.36	ng/ul	0.00
78) Pyrene-d10	20.02	212	551656	21.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.03	264	579658	20.39	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.58	88	16464	8.560	ng/uL 89
4) Benzaldehyde	7.45	77	93144	21.551	ng/ul 91
6) Phenol	7.49	94	144703	16.893	ng/ul# 76
8) Bis(2-Chloroethyl)ether	7.73	93	113818	17.921	ng/ul# 87
10) 2-Chlorophenol	7.87	128	125261	19.279	ng/ul# 91
11) 2-Methylphenol	8.76	108	109981	16.770	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.85	45	175900	16.552	ng/ul# 88
14) Acetophenone	9.16	105	192164	17.289	ng/ul# 81
15) N-Nitroso-di-n-propylamine	9.13	70	97007	16.496	ng/ul# 70
16) 4-Methylphenol	9.10	108	119797	16.385	ng/ul 98
17) Hexachloroethane	9.40	117	54314	21.208	ng/ul 92
20) Nitrobenzene	9.55	77	155011	21.370	ng/ul 89
21) Isophorone	10.07	82	254069	18.321	ng/ul 96
23) 2-Nitrophenol	10.26	139	69224	20.785	ng/ul# 79
24) 2,4-Dimethylphenol	10.30	107	147415	20.006	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.55	93	154985	18.693	ng/ul 98
27) 2,4-Dichlorophenol	10.79	162	122150	20.453	ng/ul 97
28) Naphthalene	11.20	128	401014	20.061	ng/ul 99
30) 4-Chloroaniline	11.31	127	159492	23.071	ng/ul 99
31) Hexachlorobutadiene	11.46	225	83189	22.708	ng/ul 96
32) Caprolactam	12.09	113	33198	14.551	ng/ul# 62
33) 4-Chloro-3-methylphenol	12.41	107	130060	18.291	ng/ul 99
34) 2-Methylnaphthalene	12.79	142	295408	19.269	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	146760	22.133	ng/ul	97
37) Hexachlorocyclopentadiene	13.11	237	57571	21.460	ng/ul	99
38) 2,4,6-Trichlorophenol	13.39	196	92194	21.217	ng/ul	99
39) 2,4,5-Trichlorophenol	13.46	196	101563	21.199	ng/ul	97
40) 1,1'-Biphenyl	13.77	154	375685	20.951	ng/ul	98
41) 2-Chloronaphthalene	13.83	162	293638	21.170	ng/ul	100
42) 2-Nitroaniline	14.04	65	88655	20.625	ng/ul#	79
44) Dimethylphthalate	14.39	163	373645	19.238	ng/ul	100
45) 2,6-Dinitrotoluene	14.52	165	70829	19.664	ng/ul#	83
47) Acenaphthylene	14.67	152	441545	20.619	ng/ul	99
48) 3-Nitroaniline	14.86	138	70329	19.204	ng/ul	93
49) Acenaphthene	15.00	153	317295	20.076	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	56799	26.360	ng/ul#	1
52) 4-Nitrophenol	15.15	109	62417	19.164	ng/ul#	84
53) Dibenzofuran	15.33	168	444606	19.995	ng/ul	97
54) 2,4-Dinitrotoluene	15.31	165	107833	19.279	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.56	232	84550	19.514	ng/ul#	92
56) Diethylphthalate	15.73	149	397188	19.456	ng/ul	98
58) Fluorene	15.97	166	361777	19.455	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.96	204	184255	19.904	ng/ul	98
60) 4-Nitroaniline	16.01	138	63479	14.285	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.07	198	59033	17.387	ng/ul#	89
64) N-Nitrosodiphenylamine	16.17	169	311096	20.471	ng/ul	99
65) 4-Bromophenyl-phenylether	16.84	248	111689	20.833	ng/ul	99
66) Hexachlorobenzene	16.97	284	123753	19.749	ng/ul	97
67) Atrazine	17.11	200	117113	20.889	ng/ul	99
68) Pentachlorophenol	17.32	266	60014	16.648	ng/ul	94
69) Phenanthrene	17.70	178	583289	20.149	ng/ul	100
71) Anthracene	17.80	178	596737	20.238	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	146832	23.081	ng/uL	100
73) Pentachlorobenzene	15.25	250	143539	21.469	ng/uL	98
74) Carbazole	18.06	167	524872	19.257	ng/ul	99
75) Di-n-butylphthalate	18.58	149	667566	20.353	ng/ul#	98
76) Fluoranthene	19.69	202	683404	19.253	ng/ul	97
79) Pyrene	20.04	202	712109	20.823	ng/ul	95
80) Butylbenzylphthalate	20.89	149	322917	21.141	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.68	252	220334	17.706	ng/ul	99
82) Benzo(a)anthracene	21.76	228	744172	20.133	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.64	149	473886	21.105	ng/ul	98
84) Chrysene	21.81	228	695605	20.056	ng/ul	100
86) Di-n-octyl phthalate	22.56	149	826249	23.155	ng/ul#	88
87) Benzo(b)fluoranthene	23.44	252	712496	21.142	ng/ul	98
88) Benzo(k)fluoranthene	23.49	252	691297	21.739	ng/ul	99
90) Benzo(a)pyrene	24.07	252	659761	20.489	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.66	276	685616	16.997	ng/ul	95
92) Dibenzo(a,h)anthracene	26.67	278	570605	16.764	ng/ul	97
93) Benzo(g,h,i)perylene	27.43	276	549716	16.533	ng/ul	95

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

