

Data Path : Z:\HPCHEM1\BNA_M\Data\BM091917\
 Data File : BM011626.D
 Acq On : 20 Sep 2017 04:18
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02026

Quant Time: Sep 20 05:53:04 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	425571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	2006283	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1212565	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2716659	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	3034575	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2556533	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	69858	7.38	ng/uL	0.00
5) Phenol-d5	7.12	99	768758	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	559692	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	604700	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	621950	19.50	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	304276	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	328588	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	644221	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	854789	24.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2023753	19.74	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2508275	20.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	342546	17.78	ng/ul	0.00
58) Fluorene-d10	15.59	176	1792759	20.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	302200	19.12	ng/ul	0.00
71) Anthracene-d10	17.43	188	2714722	20.29	ng/ul	0.00
79) Pyrene-d10	19.72	212	2913683	20.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2491027	20.45	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.42	88	77858	7.508	ng/uL# 55
4) Benzaldehyde	7.10	77	440732	18.875	ng/ul 97
6) Phenol	7.14	94	776416	19.141	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.38	93	619490	19.399	ng/ul# 82
10) 2-Chlorophenol	7.53	128	581639	19.360	ng/ul# 90
11) 2-Methylphenol	8.40	108	587744	19.110	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.49	45	1178898	22.776	ng/ul# 90
14) Acetophenone	8.79	105	950261	19.488	ng/ul# 93
15) N-Nitroso-di-n-propylamine	8.77	70	533086	20.373	ng/ul# 71
16) 4-Methylphenol	8.73	108	647286	19.235	ng/ul 92
17) Hexachloroethane	9.05	117	234266	20.398	ng/ul 85
20) Nitrobenzene	9.17	77	741129	20.695	ng/ul 98
21) Isophorone	9.69	82	1432980	19.873	ng/ul 97
23) 2-Nitrophenol	9.88	139	336704	20.240	ng/ul 88
24) 2,4-Dimethylphenol	9.93	107	713051	20.033	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.17	93	907119	19.294	ng/ul 98
27) 2,4-Dichlorophenol	10.41	162	623197	20.281	ng/ul 96
28) Naphthalene	10.82	128	2063181	19.831	ng/ul 99
30) 4-Chloroaniline	10.93	127	808364	24.189	ng/ul 98
31) Hexachlorobutadiene	11.10	225	384547	22.049	ng/ul 98
32) Caprolactam	11.71	113	153483	15.867	ng/ul# 51
33) 4-Chloro-3-methylphenol	12.04	107	666679	20.464	ng/ul 95
34) 2-Methylnaphthalene	12.43	142	1561725	20.214	ng/ul 99

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35) 1-Methylnaphthalene	12.65	142	1507110	20.481	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	754276	20.970	ng/ul#	95
38) Hexachlorocyclopentadiene	12.77	237	408819	20.278	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.03	196	502331	20.512	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	516323	20.793	ng/ul	99
41) 1,1'-Biphenyl	13.43	154	2054174	20.358	ng/ul#	93
42) 2-Chloronaphthalene	13.47	162	1538487	20.264	ng/ul	99
43) 2-Nitroaniline	13.67	65	507938	21.540	ng/ul#	81
45) Dimethylphthalate	14.04	163	1917033	19.532	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	359451	20.737	ng/ul	93
48) Acenaphthylene	14.32	152	2525782	20.242	ng/ul	99
49) 3-Nitroaniline	14.50	138	379094	17.737	ng/ul	99
50) Acenaphthene	14.66	153	1694399	20.097	ng/ul	100
51) 2,4-Dinitrophenol	14.70	184	187574	17.515	ng/ul#	70
53) 4-Nitrophenol	14.79	109	248295	20.053	ng/ul#	62
54) Dibenzofuran	14.99	168	2352196	19.945	ng/ul	99
55) 2,4-Dinitrotoluene	14.96	165	515830	20.244	ng/ul#	78
56) 2,3,4,6-Tetrachlorophenol	15.22	232	470461	20.789	ng/ul#	80
57) Diethylphthalate	15.40	149	1994013	19.523	ng/ul	96
59) Fluorene	15.64	166	1992969	20.164	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	954588	20.613	ng/ul	92
61) 4-Nitroaniline	15.66	138	390958	17.076	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.72	198	305005	18.830	ng/ul	93
65) N-Nitrosodiphenylamine	15.84	169	1626939	19.661	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	565838	20.393	ng/ul	93
67) Hexachlorobenzene	16.64	284	630225	20.633	ng/ul#	87
68) Atrazine	16.79	200	558418	19.476	ng/ul	96
69) Pentachlorophenol	16.98	266	366193	18.672	ng/ul	97
70) Phenanthrene	17.38	178	3018332	19.933	ng/ul	99
72) Anthracene	17.47	178	3148315	20.262	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	754838	20.851	ng/uL	98
74) Pentachlorobenzene	14.91	250	764901	20.833	ng/uL	99
75) Carbazole	17.74	167	2706322	20.415	ng/ul	99
76) Di-n-butylphthalate	18.29	149	3577827	20.549	ng/ul	99
77) Fluoranthene	19.39	202	3483537	22.366	ng/ul#	90
80) Pyrene	19.75	202	3680739	20.789	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1616400	19.852	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.42	252	1112476	20.187	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3456598	20.688	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2499279	19.988	ng/ul#	96
85) Chrysene	21.54	228	3085591	20.370	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4311406	23.762	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	3121025	20.293	ng/ul#	97
89) Benzo(k)fluoranthene	23.20	252	3082097	20.866	ng/ul#	96
91) Benzo(a)pyrene	23.77	252	2928085	20.170	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.31	276	2953797	18.497	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.31	278	2497766	18.446	ng/ul#	94
94) Benzo(g,h,i)perylene	27.06	276	2329987	18.017	ng/ul#	93

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

