

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040618\
 Data File : BM014674.D
 Acq On : 06 Apr 2018 08:48
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02070

Quant Time: Apr 07 00:37:49 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 05 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	412486	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1791686	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1004231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.89	188	2142840	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	1982072	20.00	ng/ul	0.00
85) Perylene-d12	24.49	264	1682680	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	73597	8.59	ng/uL	0.00
5) Phenol-d5	7.69	99	684177	20.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	440599	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	562963	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	564781	21.02	ng/ul	0.00
19) Nitrobenzene-d5	9.76	128	262344	22.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.49	143	235725	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.03	165	553184	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	738234	24.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1640280	20.67	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2061092	20.45	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	281208	21.84	ng/ul	0.00
57) Fluorene-d10	16.15	176	1414566	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	187254	20.47	ng/ul	0.00
70) Anthracene-d10	17.99	188	2084421	20.65	ng/ul	0.00
78) Pyrene-d10	20.22	212	2143246	21.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.32	264	1702961	20.61	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.73	88	76835	8.323	ng/uL 96
4) Benzaldehyde	7.69	77	436676	23.219	ng/ul 94
6) Phenol	7.72	94	678441	21.119	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.97	93	543604	21.410	ng/ul# 86
10) 2-Chlorophenol	8.12	128	552641	20.620	ng/ul# 90
11) 2-Methylphenol	9.00	108	509984	20.848	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	9.10	45	1011721	21.497	ng/ul# 81
14) Acetophenone	9.41	105	849648	21.375	ng/ul# 90
15) N-Nitroso-di-n-propylamine	9.39	70	442321	20.797	ng/ul# 75
16) 4-Methylphenol	9.33	108	553682	21.060	ng/ul 99
17) Hexachloroethane	9.69	117	222276	20.465	ng/ul 98
20) Nitrobenzene	9.80	77	641076	21.817	ng/ul 95
21) Isophorone	10.33	82	1165997	20.322	ng/ul 98
23) 2-Nitrophenol	10.52	139	274871	22.785	ng/ul 91
24) 2,4-Dimethylphenol	10.56	107	632233	20.744	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.80	93	737111	20.880	ng/ul 100
27) 2,4-Dichlorophenol	11.05	162	515811	20.781	ng/ul 99
28) Naphthalene	11.47	128	1797028	20.573	ng/ul 100
30) 4-Chloroaniline	11.57	127	713341	24.953	ng/ul 100
31) Hexachlorobutadiene	11.75	225	327957	19.797	ng/ul 98
32) Caprolactam	12.31	113	153803	20.697	ng/ul# 55
33) 4-Chloro-3-methylphenol	12.64	107	556929	21.092	ng/ul 97
34) 2-Methylnaphthalene	13.05	142	1285281	20.627	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.40	216	642669	20.161	ng/ul	99
37) Hexachlorocyclopentadiene	13.37	237	416408	19.602	ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	397401	20.989	ng/ul	98
39) 2,4,5-Trichlorophenol	13.69	196	432229	21.792	ng/ul	100
40) 1,1'-Biphenyl	14.02	154	1662042	20.666	ng/ul	98
41) 2-Chloronaphthalene	14.07	162	1279898	20.537	ng/ul	96
42) 2-Nitroaniline	14.26	65	348886	24.024	ng/ul	84
44) Dimethylphthalate	14.61	163	1586033	20.745	ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	295473	23.929	ng/ul	93
47) Acenaphthylene	14.90	152	1982387	20.739	ng/ul	99
48) 3-Nitroaniline	15.06	138	306045	24.536	ng/ul	96
49) Acenaphthene	15.24	153	1380202	20.680	ng/ul	98
50) 2,4-Dinitrophenol	15.26	184	109951	20.575	ng/ul#	34
52) 4-Nitrophenol	15.33	109	215128	21.977	ng/ul#	84
53) Dibenzofuran	15.56	168	1897662	20.721	ng/ul	98
54) 2,4-Dinitrotoluene	15.50	165	427732	23.996	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.77	232	357850	21.208	ng/ul	98
56) Diethylphthalate	15.95	149	1582607	20.691	ng/ul	100
58) Fluorene	16.20	166	1550782	20.788	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.19	204	781227	20.446	ng/ul	94
60) 4-Nitroaniline	16.20	138	310712	22.053	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.26	198	198971	20.151	ng/ul#	98
64) N-Nitrosodiphenylamine	16.39	169	1315596	20.550	ng/ul	100
65) 4-Bromophenyl-phenylether	17.07	248	482018	20.065	ng/ul#	89
66) Hexachlorobenzene	17.19	284	547424	20.379	ng/ul	91
67) Atrazine	17.32	200	459440	20.604	ng/ul	98
68) Pentachlorophenol	17.53	266	279562	19.804	ng/ul	98
69) Phenanthrene	17.93	178	2379571	20.727	ng/ul	99
71) Anthracene	18.02	178	2447376	20.937	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	653065	19.878	ng/uL	99
73) Pentachlorobenzene	15.48	250	634411	20.045	ng/uL	99
74) Carbazole	18.27	167	2089689	21.594	ng/ul	99
75) Di-n-butylphthalate	18.80	149	2503214	20.837	ng/ul	100
76) Fluoranthene	19.89	202	2618986	22.057	ng/ul	98
79) Pyrene	20.24	202	2652194	21.417	ng/ul	99
80) Butylbenzylphthalate	21.09	149	954239	22.016	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.87	252	819457	22.843	ng/ul	99
82) Benzo(a)anthracene	21.96	228	2397714	20.630	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.84	149	1285370	19.887	ng/ul#	99
84) Chrysene	22.01	228	2250662	20.735	ng/ul	100
86) Di-n-octyl phthalate	22.81	149	1888230	19.133	ng/ul#	88
87) Benzo(b)fluoranthene	23.72	252	2079693	20.602	ng/ul	99
88) Benzo(k)fluoranthene	23.77	252	2080921	21.420	ng/ul	99
90) Benzo(a)pyrene	24.38	252	1948991	20.628	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.10	276	2104745	19.863	ng/ul	96
92) Dibenzo(a,h)anthracene	27.11	278	1775123	19.978	ng/ul	98
93) Benzo(g,h,i)perylene	27.90	276	1706082	19.804	ng/ul	97

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

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