

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014799.D
 Acq On : 24 Apr 2018 05:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02095

Quant Time: Apr 24 12:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	374037	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1561129	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	827522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1750399	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1738674	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	1790233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	66500	7.76	ng/uL	0.00
5) Phenol-d5	7.65	99	610112	21.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	385519	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	502126	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	488276	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	232219	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	245929	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	467270	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	608056	26.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1271084	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1623092	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	238635	19.90	ng/ul	0.00
57) Fluorene-d10	16.10	176	1096868	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	158558	16.74	ng/ul	0.00
70) Anthracene-d10	17.94	188	1627016	19.95	ng/ul	0.00
76) Pyrene-d10	20.17	212	1671695	20.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1736126	19.74	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.70	88	69186	7.676	ng/uL# 78
4) Benzaldehyde	7.64	77	383675	25.224	ng/ul 90
6) Phenol	7.67	94	605040	21.267	ng/ul# 79
8) Bis(2-Chloroethyl)ether	7.92	93	471125	20.710	ng/ul 90
10) 2-Chlorophenol	8.07	128	493736	20.727	ng/ul 97
11) 2-Methylphenol	8.96	108	443871	21.226	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	9.05	45	884258	21.026	ng/ul 96
14) Acetophenone	9.36	105	716225	21.196	ng/ul 88
15) N-Nitroso-di-n-propylamine	9.33	70	371693	21.197	ng/ul# 80
16) 4-Methylphenol	9.29	108	473379	21.037	ng/ul 92
17) Hexachloroethane	9.63	117	192843	19.791	ng/ul# 71
20) Nitrobenzene	9.75	77	546277	20.260	ng/ul 93
21) Isophorone	10.27	82	966396	20.958	ng/ul# 94
23) 2-Nitrophenol	10.47	139	259020	21.213	ng/ul# 73
24) 2,4-Dimethylphenol	10.51	107	522502	20.254	ng/ul# 83
25) Bis(2-Chloroethoxy)methane	10.75	93	612266	19.752	ng/ul 97
27) 2,4-Dichlorophenol	11.00	162	436688	20.027	ng/ul# 91
28) Naphthalene	11.42	128	1496179	19.667	ng/ul 100
30) 4-Chloroaniline	11.52	127	577092	26.373	ng/ul 96
31) Hexachlorobutadiene	11.69	225	264322	18.838	ng/ul 95
32) Caprolactam	12.27	113	132858	21.147	ng/ul# 62
33) 4-Chloro-3-methylphenol	12.60	107	455840	20.667	ng/ul 95
34) 2-Methylnaphthalene	12.99	142	1044061	19.763	ng/ul 96

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36) 1,2,4,5-Tetrachlorobenzene	13.34	216	504931	19.464	ng/ul#	96
37) Hexachlorocyclopentadiene	13.32	237	248032	13.878	ng/ul	98
38) 2,4,6-Trichlorophenol	13.57	196	332130	20.728	ng/ul	97
39) 2,4,5-Trichlorophenol	13.64	196	348143	20.343	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	1319374	19.827	ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	1028326	19.899	ng/ul	98
42) 2-Nitroaniline	14.21	65	299148	21.875	ng/ul	94
44) Dimethylphthalate	14.56	163	1225874	19.631	ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	242647	21.186	ng/ul	89
47) Acenaphthylene	14.86	152	1565288	20.254	ng/ul	100
48) 3-Nitroaniline	15.02	138	266979	23.689	ng/ul#	84
49) Acenaphthene	15.19	153	1089434	19.837	ng/ul	99
50) 2,4-Dinitrophenol	15.22	184	95300	14.986	ng/ul	96
52) 4-Nitrophenol	15.30	109	169507	19.619	ng/ul#	80
53) Dibenzofuran	15.52	168	1502361	19.699	ng/ul	99
54) 2,4-Dinitrotoluene	15.47	165	349705	20.724	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.73	232	296234	20.400	ng/ul#	87
56) Diethylphthalate	15.90	149	1230628	19.578	ng/ul	94
58) Fluorene	16.16	166	1210706	19.660	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.14	204	592523	19.223	ng/ul	95
60) 4-Nitroaniline	16.16	138	277935	21.140	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.22	198	165852	16.852	ng/ul#	89
64) N-Nitrosodiphenylamine	16.35	169	1020544	20.105	ng/ul	99
65) 4-Bromophenyl-phenylether	17.03	248	363813	19.679	ng/ul	97
66) Hexachlorobenzene	17.15	284	421683	19.633	ng/ul#	93
67) Atrazine	17.27	200	348019	21.470	ng/ul#	93
68) Pentachlorophenol	17.48	266	233576	19.121	ng/ul	97
69) Phenanthrene	17.88	178	1844597	19.623	ng/ul	99
71) Anthracene	17.97	178	1896830	19.883	ng/ul	99
72) Carbazole	18.23	167	1651092	20.287	ng/ul	99
73) Di-n-butylphthalate	18.75	149	2040627	20.619	ng/ul#	97
74) Fluoranthene	19.84	202	2044838	19.952	ng/ul#	83
77) Pyrene	20.20	202	2073862	20.415	ng/ul#	81
78) Butylbenzylphthalate	21.04	149	942375	22.738	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.83	252	722670	21.786	ng/ul#	94
80) Benzo(a)anthracene	21.91	228	2039840	20.062	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	1295633	21.298	ng/ul#	97
82) Chrysene	21.96	228	1892738	19.885	ng/ul	98
84) Di-n-octyl phthalate	22.74	149	2198265	21.349	ng/ul#	92
85) Benzo(b)fluoranthene	23.66	252	2059317	19.513	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	1951892	19.234	ng/ul#	96
88) Benzo(a)pyrene	24.31	252	1950278	19.482	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	2356768	19.461	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.01	278	1996413	19.579	ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	1898253	19.053	ng/ul#	90

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

