

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
 Data File : BM014907.D
 Acq On : 02 May 2018 04:18
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02010

Quant Time: May 02 06:44:01 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 04:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	376812	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1622977	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	845151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1718069	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1554168	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1500997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	69483	8.05	ng/uL	0.00
5) Phenol-d5	7.62	99	646243	22.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	436707	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	523357	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	514234	22.14	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	240333	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	242303	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	475919	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	643875	27.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1336160	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1677189	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	232361	18.98	ng/ul	0.00
57) Fluorene-d10	16.08	176	1133719	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	169716	18.26	ng/ul	0.00
70) Anthracene-d10	17.91	188	1609465	20.10	ng/ul	0.00
76) Pyrene-d10	20.15	212	1590810	21.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1474971	20.00	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.68	88	75816	8.349 ng/uL#	84
4) Benzaldehyde	7.61	77	416069	27.153 ng/ul	91
6) Phenol	7.65	94	645381	22.518 ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.89	93	514022	22.429 ng/ul#	86
10) 2-Chlorophenol	8.05	128	515930	21.499 ng/ul	93
11) 2-Methylphenol	8.93	108	462199	21.940 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1034496	24.417 ng/ul	96
14) Acetophenone	9.33	105	777670	22.845 ng/ul	87
15) N-Nitroso-di-n-propylamine	9.30	70	413572	23.412 ng/ul#	84
16) 4-Methylphenol	9.26	108	504706	22.264 ng/ul	92
17) Hexachloroethane	9.60	117	208733	21.264 ng/ul#	63
20) Nitrobenzene	9.72	77	606195	21.626 ng/ul	93
21) Isophorone	10.25	82	1033932	21.568 ng/ul#	93
23) 2-Nitrophenol	10.44	139	265753	20.935 ng/ul#	78
24) 2,4-Dimethylphenol	10.48	107	567832	21.172 ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	676131	20.981 ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	454483	20.048 ng/ul#	89
28) Naphthalene	11.39	128	1595981	20.180 ng/ul	100
30) 4-Chloroaniline	11.49	127	618928	27.207 ng/ul	94
31) Hexachlorobutadiene	11.66	225	269217	18.456 ng/ul	94
32) Caprolactam	12.25	113	130813	20.028 ng/ul#	72
33) 4-Chloro-3-methylphenol	12.57	107	490559	21.394 ng/ul	98
34) 2-Methylnaphthalene	12.96	142	1094631	19.931 ng/ul	97

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 SSTD02010

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	500182	18.879	ng/ul#	95
37) Hexachlorocyclopentadiene	13.29	237	293281	16.068	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	329085	20.110	ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	347984	19.909	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	1388470	20.430	ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	1066502	20.208	ng/ul	96
42) 2-Nitroaniline	14.19	65	324356	23.224	ng/ul	98
44) Dimethylphthalate	14.54	163	1280110	20.072	ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	247672	21.174	ng/ul#	95
47) Acenaphthylene	14.83	152	1636327	20.732	ng/ul	100
48) 3-Nitroaniline	15.00	138	257204	22.346	ng/ul	88
49) Acenaphthene	15.16	153	1139759	20.320	ng/ul	100
50) 2,4-Dinitrophenol	15.19	184	100614	15.492	ng/ul#	83
52) 4-Nitrophenol	15.27	109	184174	20.872	ng/ul#	87
53) Dibenzofuran	15.49	168	1560644	20.037	ng/ul	98
54) 2,4-Dinitrotoluene	15.44	165	354175	20.551	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.70	232	284225	19.165	ng/ul#	75
56) Diethylphthalate	15.88	149	1292863	20.139	ng/ul	93
58) Fluorene	16.13	166	1240268	19.720	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.12	204	598480	19.011	ng/ul	91
60) 4-Nitroaniline	16.14	138	260902	19.430	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.19	198	176626	18.284	ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	1045304	20.980	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	363628	20.039	ng/ul#	90
66) Hexachlorobenzene	17.12	284	424814	20.151	ng/ul#	88
67) Atrazine	17.24	200	345610	21.723	ng/ul#	94
68) Pentachlorophenol	17.46	266	222618	18.567	ng/ul	98
69) Phenanthrene	17.86	178	1854839	20.103	ng/ul	99
71) Anthracene	17.94	178	1890190	20.186	ng/ul	99
72) Carbazole	18.20	167	1626424	20.360	ng/ul	98
73) Di-n-butylphthalate	18.73	149	2045352	21.056	ng/ul#	98
74) Fluoranthene	19.82	202	1935418	19.240	ng/ul#	80
77) Pyrene	20.18	202	1973336	21.731	ng/ul#	78
78) Butylbenzylphthalate	21.02	149	850081	22.946	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.80	252	620181	20.916	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1838939	20.234	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1203148	22.126	ng/ul#	95
82) Chrysene	21.94	228	1705816	20.049	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1907142	22.091	ng/ul#	90
85) Benzo(b)fluoranthene	23.62	252	1751428	19.794	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1725817	20.283	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1654230	19.709	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.94	276	1965450	19.357	ng/ul#	86
90) Dibenzo(a,h)anthracene	26.96	278	1664383	19.468	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1592962	19.070	ng/ul#	90

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

