

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090519\
 Data File : BM022527.D
 Acq On : 05 Sep 2019 18:34
 Operator : HP/JU
 Sample : SSTD08050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08050

Quant Time: Sep 05 19:07:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 18:23:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	274140	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1254210	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.50	164	785174	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.24	188	1607822	20.00	ng/ul	0.00
78) Chrysene-d12	21.42	240	1515092	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1469246	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	198981	31.04	ng/uL	0.00
5) Phenol-d5	7.03	99	2076296	89.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	1168360	81.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	1638256	86.82	ng/ul	0.01
13) 4-Methylphenol-d8	8.57	113	1680062	93.90	ng/ul	0.01
19) Nitrobenzene-d5	9.02	128	778186	94.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	805418	107.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	1729758	90.86	ng/ul	0.01
29) 4-Chloroaniline-d4	10.79	131	2170844	94.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.92	166	4947491	78.48	ng/ul	0.00
47) Acenaphthylene-d8	14.20	160	5715388	70.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.70	143	940584	90.91	ng/ul	0.03
58) Fluorene-d10	15.50	176	4050679	73.62	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.62	200	704411	106.72	ng/ul	0.02
71) Anthracene-d10	17.34	188	6186756	79.75	ng/ul	0.01
79) Pyrene-d10	19.63	212	6780499	92.23	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.58	264	6288794	82.05	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	203385	30.488 ng/uL#	91
4) Benzaldehyde	7.00	77	1101667	84.661 ng/ul	99
6) Phenol	7.06	94	2179008	94.407 ng/ul	100
8) Bis(2-Chloroethyl)ether	7.29	93	1628803	91.656 ng/ul	99
10) 2-Chlorophenol	7.43	128	1743057	91.960 ng/ul	100
11) 2-Methylphenol	8.30	108	1688099	97.587 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.40	45	2372936	84.440 ng/ul	99
14) Acetophenone	8.69	105	2581328	93.083 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.70	70	1372197	98.883 ng/ul	96
16) 4-Methylphenol	8.65	108	1825189	99.818 ng/ul	99
17) Hexachloroethane	8.96	117	671081	90.139 ng/ul	95
20) Nitrobenzene	9.07	77	1893512	90.833 ng/ul	98
21) Isophorone	9.60	82	3936908	95.029 ng/ul	100
23) 2-Nitrophenol	9.77	139	930281	107.550 ng/ul	99
24) 2,4-Dimethylphenol	9.84	107	1985374	88.949 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.08	93	2343719	91.523 ng/ul	100
27) 2,4-Dichlorophenol	10.31	162	1713954	93.696 ng/ul	100
28) Naphthalene	10.72	128	5393375	83.630 ng/ul	100
30) 4-Chloroaniline	10.82	127	2263938	98.444 ng/ul	99
31) Hexachlorobutadiene	11.01	225	1006515	81.516 ng/ul	99
32) Caprolactam	11.61	113	327240	56.567 ng/ul	97
33) 4-Chloro-3-methylphenol	11.95	107	1864569	97.254 ng/ul	98
34) 2-Methylnaphthalene	12.33	142	4019182	88.451 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.55	142	3813868	83.932	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.70	216	2047553	75.932	ng/ul	99
38) Hexachlorocyclopentadiene	12.69	237	1335199	79.523	ng/ul	100
39) 2,4,6-Trichlorophenol	12.93	196	1344408	87.553	ng/ul	99
40) 2,4,5-Trichlorophenol	13.00	196	1467202	87.553	ng/ul	99
41) 1,1'-Biphenyl	13.34	154	5079008	77.758	ng/ul	98
42) 2-Chloronaphthalene	13.38	162	3870283	75.712	ng/ul	97
43) 2-Nitroaniline	13.57	65	1131566	100.488	ng/ul	97
45) Dimethylphthalate	13.97	163	4956685	80.447	ng/ul	99
46) 2,6-Dinitrotoluene	14.08	165	1022534	108.051	ng/ul	93
48) Acenaphthylene	14.23	152	6132053	79.562	ng/ul	98
49) 3-Nitroaniline	14.40	138	1002990	97.464	ng/ul#	98
50) Acenaphthene	14.57	153	4217790	77.079	ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	476856	112.648	ng/ul#	72
53) 4-Nitrophenol	14.71	109	729130	91.450	ng/ul	96
54) Dibenzofuran	14.90	168	5860861	78.065	ng/ul	95
55) 2,4-Dinitrotoluene	14.86	165	1488658	106.976	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.13	232	1244853	91.840	ng/ul	98
57) Diethylphthalate	15.34	149	5143257	84.258	ng/ul	98
59) Fluorene	15.55	166	4648017	75.359	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	2363761	75.585	ng/ul	97
61) 4-Nitroaniline	15.57	138	1146250	90.676	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.63	198	815220	110.151	ng/ul	99
65) N-Nitrosodiphenylamine	15.76	169	4225103	84.954	ng/ul	100
66) 4-Bromophenyl-phenylether	16.44	248	1602512	88.093	ng/ul	99
67) Hexachlorobenzene	16.55	284	1730774	88.407	ng/ul	98
68) Atrazine	16.72	200	1621871	92.270	ng/ul	99
69) Pentachlorophenol	16.89	266	1064487	100.550	ng/ul	99
70) Phenanthrene	17.29	178	7413990	83.014	ng/ul	96
72) Anthracene	17.38	178	7571147	82.573	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.30	216	2046912	76.921	ng/uL	99
74) Pentachlorobenzene	14.83	250	2006793	83.601	ng/uL	99
75) Carbazole	17.64	167	7089456	87.957	ng/ul	98
76) Di-n-butylphthalate	18.22	149	8665877	92.409	ng/ul	98
77) Fluoranthene	19.30	202	8559954	83.612	ng/ul	96
80) Pyrene	19.66	202	8539872	91.796	ng/ul	97
81) Butylbenzylphthalate	20.57	149	4091008	118.908	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.34	252	3086984	102.852	ng/ul	100
83) Benzo(a)anthracene	21.41	228	8370037	89.238	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.36	149	5745908	106.268	ng/ul	96
85) Chrysene	21.46	228	7616761	87.078	ng/ul	96
87) Di-n-octyl phthalate	22.26	149	9445807	107.004	ng/ul	100
88) Benzo(b)fluoranthene	23.03	252	8023437	91.236	ng/ul	99
89) Benzo(k)fluoranthene	23.08	252	7291167	86.343	ng/ul	98
91) Benzo(a)pyrene	23.63	252	7180223	85.656	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.08	276	7468002	74.683	ng/ul	97
93) Dibenzo(a,h)anthracene	26.09	278	6192537	74.031	ng/ul	99
94) Benzo(g,h,i)perylene	26.79	276	6029126	72.712	ng/ul	99

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

