

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023343.D
 Acq On : 23 Oct 2019 15:53
 Operator : JU
 Sample : SSTD01008
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01008

Quant Time: Oct 23 17:17:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 17:01:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	545837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2387686	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1636863	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3464086	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	3256631	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	3163137	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	45421	3.66	ng/uL	0.00
5) Phenol-d5	6.82	99	424914	8.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	260736	9.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	337148	9.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	350153	9.17	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	167948	10.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	183422	11.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	371348	9.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	476710	10.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1213480	9.67	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1375295	9.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	201869	9.94	ng/ul	0.00
58) Fluorene-d10	15.29	176	1028079	9.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	171829	12.51	ng/ul	0.00
71) Anthracene-d10	17.13	188	1603271	9.60	ng/ul	0.00
79) Pyrene-d10	19.43	212	1685988	10.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1543918	9.63	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	48707	3.758	ng/uL 97
4) Benzaldehyde	6.79	77	308509	9.876	ng/ul 95
6) Phenol	6.85	94	443239	9.041	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.07	93	356487	9.861	ng/ul 99
10) 2-Chlorophenol	7.21	128	354868	9.332	ng/ul 99
11) 2-Methylphenol	8.09	108	340597	9.063	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	520054	9.855	ng/ul 98
14) Acetophenone	8.46	105	583227	9.797	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.45	70	316595	9.628	ng/ul 98
16) 4-Methylphenol	8.41	108	379280	9.281	ng/ul 98
17) Hexachloroethane	8.72	117	150314	9.944	ng/ul 97
20) Nitrobenzene	8.83	77	426718	9.886	ng/ul 99
21) Isophorone	9.36	82	861623	9.281	ng/ul 98
23) 2-Nitrophenol	9.54	139	205791	11.624	ng/ul 97
24) 2,4-Dimethylphenol	9.61	107	437305	9.293	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.85	93	530289	10.285	ng/ul 99
27) 2,4-Dichlorophenol	10.07	162	371691	9.725	ng/ul 100
28) Naphthalene	10.47	128	1190772	9.649	ng/ul 100
30) 4-Chloroaniline	10.58	127	496338	10.081	ng/ul 100
31) Hexachlorobutadiene	10.77	225	243652	9.463	ng/ul 96
32) Caprolactam	11.36	113	116843	8.514	ng/ul 99
33) 4-Chloro-3-methylphenol	11.72	107	412004	9.407	ng/ul 99
34) 2-Methylnaphthalene	12.09	142	916428	9.979	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	888008	9.992	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	496472	9.377	ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	279317	8.717	ng/ul	97
39) 2,4,6-Trichlorophenol	12.71	196	317097	9.739	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	341815	9.766	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1238025	9.940	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	944308	9.790	ng/ul	99
43) 2-Nitroaniline	13.36	65	257504	11.392	ng/ul	100
45) Dimethylphthalate	13.75	163	1229712	9.794	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	228699	11.602	ng/ul	99
48) Acenaphthylene	14.00	152	1440784	9.578	ng/ul	99
49) 3-Nitroaniline	14.19	138	225059	10.595	ng/ul	98
50) Acenaphthene	14.35	153	1013834	9.679	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	113313	12.619	ng/ul	98
53) 4-Nitrophenol	14.50	109	167578	9.161	ng/ul	99
54) Dibenzofuran	14.69	168	1453051	9.772	ng/ul	97
55) 2,4-Dinitrotoluene	14.65	165	343283	11.905	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.92	232	312907	10.269	ng/ul	99
57) Diethylphthalate	15.13	149	1239296	9.665	ng/ul	99
59) Fluorene	15.34	166	1197629	9.816	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	617851	9.696	ng/ul	99
61) 4-Nitroaniline	15.35	138	252504	9.880	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	193573	12.038	ng/ul#	97
65) N-Nitrosodiphenylamine	15.55	169	1052979	9.849	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	416477	9.959	ng/ul	98
67) Hexachlorobenzene	16.34	284	483308	10.190	ng/ul	98
68) Atrazine	16.51	200	375680	9.181	ng/ul	99
69) Pentachlorophenol	16.69	266	249188	9.380	ng/ul	97
70) Phenanthrene	17.07	178	1905273	9.800	ng/ul	100
72) Anthracene	17.16	178	1950679	9.710	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	488325	9.708	ng/uL	98
74) Pentachlorobenzene	14.61	250	528014	10.075	ng/uL	99
75) Carbazole	17.43	167	1685217	9.390	ng/ul	100
76) Di-n-butylphthalate	18.02	149	2037140	9.539	ng/ul	100
77) Fluoranthene	19.10	202	2194319	9.491	ng/ul	100
80) Pvrene	19.46	202	2249029	11.024	ng/ul	99
81) Butylbenzylphthalate	20.38	149	864291	12.181	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.14	252	744148	9.433	ng/ul	98
83) Benzo(a)anthracene	21.21	228	2151157	9.749	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1209832	10.723	ng/ul	98
85) Chrysene	21.26	228	1964584	9.588	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	1854803	11.366	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	1974337	10.295	ng/ul	100
89) Benzo(k)fluoranthene	22.81	252	1843822	10.012	ng/ul	100
91) Benzo(a)pyrene	23.33	252	1780015	9.674	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.63	276	1847292	8.439	ng/ul	98
93) Dibenzo(a,h)anthracene	25.64	278	1558900	8.518	ng/ul	99
94) Benzo(a,h,i)perylene	26.30	276	1491409	8.275	ng/ul	99

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

