

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021450.D
 Acq On : 12 Jul 2019 12:20
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02036

Quant Time: Jul 12 12:55:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	284765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1194546	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	765612	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	1867456	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1812279	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	1729979	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	40921	7.08	ng/uL	0.00
5) Phenol-d5	6.91	99	426793	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	245454	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	362992	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	359427	20.38	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	180235	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	206133	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	419582	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	473900	23.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1256965	18.75	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1572166	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	208146	19.59	ng/ul	0.00
57) Fluorene-d10	15.37	176	1102083	18.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	234406	18.67	ng/ul	0.00
70) Anthracene-d10	17.23	188	1775299	18.30	ng/ul	0.00
78) Pyrene-d10	19.53	212	1955466	19.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1725832	17.35	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	39862	6.561	ng/uL 94
4) Benzaldehyde	6.89	77	294518	24.638	ng/ul 96
6) Phenol	6.93	94	433173	20.439	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.17	93	338517	20.659	ng/ul 100
10) 2-Chlorophenol	7.30	128	365030	19.930	ng/ul 98
11) 2-Methylphenol	8.17	108	341677	21.158	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	427837	21.412	ng/ul 98
14) Acetophenone	8.56	105	563458	21.211	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.55	70	285362	21.423	ng/ul 97
16) 4-Methylphenol	8.50	108	369170	21.561	ng/ul 97
17) Hexachloroethane	8.79	117	157602	19.678	ng/ul 98
20) Nitrobenzene	8.94	77	427589	19.401	ng/ul 97
21) Isophorone	9.46	82	810757	20.755	ng/ul 100
23) 2-Nitrophenol	9.64	139	221374	19.979	ng/ul 97
24) 2,4-Dimethylphenol	9.70	107	428795	19.891	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.94	93	491675	20.179	ng/ul 99
27) 2,4-Dichlorophenol	10.17	162	402803	19.844	ng/ul 99
28) Naphthalene	10.57	128	1205873	19.397	ng/ul 100
30) 4-Chloroaniline	10.69	127	469502	24.482	ng/ul 97
31) Hexachlorobutadiene	10.83	225	282094	18.804	ng/ul 99
32) Caprolactam	11.49	113	145472	27.462	ng/ul 95
33) 4-Chloro-3-methylphenol	11.82	107	403893	21.376	ng/ul 99
34) 2-Methylnaphthalene	12.18	142	923671	20.157	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	550872	18.501	ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	285861	18.872	ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	352884	19.914	ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	372018	19.808	ng/ul	96
40) 1,1'-Biphenyl	13.20	154	1227825	19.161	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	984398	19.169	ng/ul	98
42) 2-Nitroaniline	13.47	65	240181	21.404	ng/ul	96
44) Dimethylphthalate	13.84	163	1252505	20.060	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	246685	21.696	ng/ul	96
47) Acenaphthylene	14.10	152	1435012	19.592	ng/ul	100
48) 3-Nitroaniline	14.30	138	224233	21.924	ng/ul	97
49) Acenaphthene	14.44	153	1041586	19.570	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	137254	20.073	ng/ul	99
52) 4-Nitrophenol	14.62	109	164738	20.814	ng/ul	99
53) Dibenzofuran	14.78	168	1503698	19.503	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	380945	21.845	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.00	232	347743	20.775	ng/ul	99
56) Diethylphthalate	15.20	149	1236830	20.632	ng/ul	99
58) Fluorene	15.43	166	1237343	19.837	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.42	204	688571	19.753	ng/ul	99
60) 4-Nitroaniline	15.47	138	233920	22.274	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	239735	19.196	ng/ul	99
64) N-Nitrosodiphenylamine	15.64	169	1075075	19.352	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	446314	19.317	ng/ul	98
66) Hexachlorobenzene	16.43	284	522027	19.004	ng/ul	99
67) Atrazine	16.60	200	497359	24.233	ng/ul	98
68) Pentachlorophenol	16.78	266	299058	20.653	ng/ul	98
69) Phenanthrene	17.17	178	2017649	19.161	ng/ul	100
71) Anthracene	17.26	178	2070076	19.315	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	539204	17.614	ng/ul	99
73) Pentachlorobenzene	14.69	250	601100	19.061	ng/ul	99
74) Carbazole	17.54	167	1751516	19.690	ng/ul	99
75) Di-n-butylphthalate	18.09	149	2102352	20.629	ng/ul	100
76) Fluoranthene	19.19	202	2439140	19.508	ng/ul	100
79) Pvrene	19.56	202	2478860	20.667	ng/ul	100
80) Butylbenzylphthalate	20.46	149	916870	21.580	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.24	252	755810	18.757	ng/ul	99
82) Benzo(a)anthracene	21.30	228	2418194	19.484	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	1354385	21.672	ng/ul	99
84) Chrysene	21.36	228	2267251	19.432	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	2194020	23.477	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	2238548	20.764	ng/ul	99
88) Benzo(k)fluoranthene	22.94	252	2119327	19.736	ng/ul	99
90) Benzo(a)pyrene	23.49	252	2013945	19.341	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.86	276	2304338	17.915	ng/ul	100
92) Dibenzo(a,h)anthracene	25.87	278	1928670	17.837	ng/ul	99
93) Benzo(g,h,i)perylene	26.56	276	1853134	17.463	ng/ul	99

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

