

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
 Data File : BM021301.D
 Acq On : 01 Jul 2019 09:59
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

Quant Time: Jul 01 16:40:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 01 01:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	218816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	972262	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	620816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1332118	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	945043	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1090792	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	30003	6.51	ng/uL	0.00
5) Phenol-d5	6.93	99	337983	17.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	186515	16.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	285450	18.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	296780	18.67	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	149119	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	171950	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	351173	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	343937	18.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1004032	17.90	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1281072	18.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	134133	14.70	ng/ul	0.00
57) Fluorene-d10	15.39	176	866719	17.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	138876	16.96	ng/ul	0.00
70) Anthracene-d10	17.25	188	1265099	18.27	ng/ul	0.00
78) Pyrene-d10	19.54	212	1115096	19.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1075916	16.72	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.31	88	31061	6.661	ng/uL 93
4) Benzaldehyde	6.91	77	222859	25.666	ng/ul 99
6) Phenol	6.96	94	344893	19.145	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.19	93	253122	18.410	ng/ul 98
10) 2-Chlorophenol	7.32	128	286417	19.639	ng/ul 99
11) 2-Methylphenol	8.20	108	274823	19.717	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	320668	18.265	ng/ul 99
14) Acetophenone	8.58	105	449549	19.647	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.56	70	227049	19.066	ng/ul 95
16) 4-Methylphenol	8.53	108	299245	19.728	ng/ul 96
17) Hexachloroethane	8.82	117	114693	18.867	ng/ul 93
20) Nitrobenzene	8.96	77	338700	19.097	ng/ul 99
21) Isophorone	9.48	82	636315	19.051	ng/ul 98
23) 2-Nitrophenol	9.66	139	180422	20.475	ng/ul 99
24) 2,4-Dimethylphenol	9.72	107	354410	19.687	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.96	93	387409	18.822	ng/ul 99
27) 2,4-Dichlorophenol	10.19	162	331320	20.424	ng/ul 99
28) Naphthalene	10.59	128	976297	19.558	ng/ul 100
30) 4-Chloroaniline	10.71	127	335350	19.184	ng/ul 100
31) Hexachlorobutadiene	10.86	225	220440	19.943	ng/ul 96
32) Caprolactam	11.51	113	118512	25.986	ng/ul 95
33) 4-Chloro-3-methylphenol	11.84	107	333887	20.188	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	762040	19.910	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	451543	20.374	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	190738	14.466	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	290187	21.069	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	308518	20.971	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	1002969	19.585	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	806674	19.937	ng/ul	100
42) 2-Nitroaniline	13.49	65	193724	19.701	ng/ul	99
44) Dimethylphthalate	13.86	163	995483	19.495	ng/ul	98
45) 2,6-Dinitrotoluene	13.99	165	199391	20.459	ng/ul	97
47) Acenaphthylene	14.12	152	1174889	19.984	ng/ul	99
48) 3-Nitroaniline	14.32	138	166443	19.509	ng/ul	96
49) Acenaphthene	14.46	153	845361	19.614	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	76773	15.681	ng/ul	94
52) 4-Nitrophenol	14.63	109	105344	15.609	ng/ul	99
53) Dibenzofuran	14.80	168	1209673	19.712	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	285319	20.174	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.03	232	260331	20.293	ng/ul	99
56) Diethylphthalate	15.22	149	962069	19.528	ng/ul	99
58) Fluorene	15.45	166	974858	19.552	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	539807	19.857	ng/ul	98
60) 4-Nitroaniline	15.49	138	166441	18.353	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	142723	17.362	ng/ul#	98
64) N-Nitrosodiphenylamine	15.66	169	827505	20.511	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	342412	20.961	ng/ul	99
66) Hexachlorobenzene	16.44	284	386316	20.634	ng/ul	98
67) Atrazine	16.62	200	371479	25.380	ng/ul	98
68) Pentachlorophenol	16.80	266	179965	19.170	ng/ul	98
69) Phenanthrene	17.19	178	1451517	19.702	ng/ul	99
71) Anthracene	17.28	178	1470100	19.581	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	450514	21.498	ng/uL	99
73) Pentachlorobenzene	14.72	250	478806	22.205	ng/uL	98
74) Carbazole	17.56	167	1165335	18.834	ng/ul	99
75) Di-n-butylphthalate	18.11	149	1524322	20.520	ng/ul	100
76) Fluoranthene	19.21	202	1443866	18.138	ng/ul	99
79) Pvrene	19.57	202	1422459	21.291	ng/ul	100
80) Butylbenzylphthalate	20.47	149	551400	22.296	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.26	252	403459	19.048	ng/ul	99
82) Benzo(a)anthracene	21.32	228	1269328	19.701	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	795394	22.589	ng/ul	99
84) Chrysene	21.37	228	1190249	19.725	ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1237599	19.690	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1349767	19.535	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	1222253	18.387	ng/ul	99
90) Benzo(a)pyrene	23.51	252	1257674	19.338	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	1589492	20.755	ng/ul	98
92) Dibenzo(a,h)anthracene	25.91	278	1321579	20.514	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	1319377	20.918	ng/ul	98

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

