

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071119\
 Data File : BM021437.D
 Acq On : 11 Jul 2019 20:47
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

Quant Time: Jul 12 04:55:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 08 17:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	152875	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	588426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	346749	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	789473	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	825175	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	954582	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	23152	7.46	ng/uL	0.00
5) Phenol-d5	6.91	99	214888	18.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	124471	17.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	185811	18.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	175404	18.53	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	88794	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	96151	17.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	197969	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	216216	21.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	546949	18.01	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	703239	18.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	79422	16.50	ng/ul	0.00
57) Fluorene-d10	15.37	176	480923	17.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	82207	15.49	ng/ul	0.00
70) Anthracene-d10	17.23	188	743388	18.13	ng/ul	0.00
78) Pyrene-d10	19.52	212	821250	18.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	931502	16.97	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	22965	7.041	ng/uL 91
4) Benzaldehyde	6.89	77	151612	23.625	ng/ul 95
6) Phenol	6.93	94	219144	19.261	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.17	93	172181	19.573	ng/ul 99
10) 2-Chlorophenol	7.30	128	190023	19.326	ng/ul 99
11) 2-Methylphenol	8.17	108	168772	19.467	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	213884	19.939	ng/ul 99
14) Acetophenone	8.56	105	277681	19.472	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.54	70	136497	19.088	ng/ul 98
16) 4-Methylphenol	8.50	108	178247	19.392	ng/ul 97
17) Hexachloroethane	8.79	117	84417	19.634	ng/ul 96
20) Nitrobenzene	8.94	77	211610	19.492	ng/ul 94
21) Isophorone	9.46	82	370053	19.231	ng/ul 98
23) 2-Nitrophenol	9.64	139	104972	19.232	ng/ul 98
24) 2,4-Dimethylphenol	9.70	107	205332	19.336	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.94	93	231293	19.270	ng/ul 99
27) 2,4-Dichlorophenol	10.17	162	192064	19.208	ng/ul 99
28) Naphthalene	10.57	128	597073	19.497	ng/ul 100
30) 4-Chloroaniline	10.69	127	215679	22.831	ng/ul 97
31) Hexachlorobutadiene	10.83	225	142629	19.301	ng/ul 99
32) Caprolactam	11.49	113	57038	21.859	ng/ul 97
33) 4-Chloro-3-methylphenol	11.82	107	180501	19.394	ng/ul 98
34) 2-Methylnaphthalene	12.18	142	432565	19.163	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	260431	19.312	ng/ul	100
37) Hexachlorocyclopentadiene	12.52	237	119159	17.369	ng/ul	100
38) 2,4,6-Trichlorophenol	12.80	196	153558	19.134	ng/ul	95
39) 2,4,5-Trichlorophenol	12.87	196	163122	19.177	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	562941	19.397	ng/ul	98
41) 2-Chloronaphthalene	13.25	162	458015	19.693	ng/ul	99
42) 2-Nitroaniline	13.47	65	92889	18.278	ng/ul	97
44) Dimethylphthalate	13.84	163	537438	19.005	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	95356	18.518	ng/ul	98
47) Acenaphthylene	14.10	152	645921	19.471	ng/ul	100
48) 3-Nitroaniline	14.30	138	85901	18.544	ng/ul	99
49) Acenaphthene	14.44	153	469326	19.470	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	45624	14.732	ng/ul	97
52) 4-Nitrophenol	14.61	109	64804	18.078	ng/ul	95
53) Dibenzofuran	14.77	168	667876	19.126	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	147612	18.690	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.00	232	141945	18.724	ng/ul	99
56) Diethylphthalate	15.20	149	516380	19.020	ng/ul	98
58) Fluorene	15.43	166	543806	19.249	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.42	204	300085	19.007	ng/ul	99
60) 4-Nitroaniline	15.47	138	84232	17.709	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	87806	16.631	ng/ul#	97
64) N-Nitrosodiphenylamine	15.64	169	458819	19.536	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	188192	19.266	ng/ul	99
66) Hexachlorobenzene	16.42	284	221939	19.111	ng/ul	99
67) Atrazine	16.60	200	196939	22.698	ng/ul	98
68) Pentachlorophenol	16.78	266	112072	18.308	ng/ul	98
69) Phenanthrene	17.17	178	860936	19.340	ng/ul	100
71) Anthracene	17.26	178	874473	19.301	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	253986	19.625	ng/ul	99
73) Pentachlorobenzene	14.69	250	270245	20.271	ng/ul	99
74) Carbazole	17.54	167	731297	19.446	ng/ul	100
75) Di-n-butylphthalate	18.09	149	813467	18.881	ng/ul	100
76) Fluoranthene	19.19	202	1017459	19.249	ng/ul	99
79) Pvrene	19.55	202	1055813	19.333	ng/ul	99
80) Butylbenzylphthalate	20.45	149	362879	18.758	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.24	252	338585	18.454	ng/ul	99
82) Benzo(a)anthracene	21.30	228	1100088	19.467	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	545321	19.164	ng/ul	99
84) Chrysene	21.35	228	1036617	19.513	ng/ul	99
86) Di-n-octyl phthalate	22.11	149	948327	18.390	ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	1139456	19.155	ng/ul	100
88) Benzo(k)fluoranthene	22.94	252	1144520	19.316	ng/ul	99
90) Benzo(a)pyrene	23.48	252	1106386	19.256	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.86	276	1390111	19.586	ng/ul	99
92) Dibenzo(a,h)anthracene	25.86	278	1165509	19.534	ng/ul	99
93) Benzo(g,h,i)perylene	26.55	276	1146984	19.588	ng/ul	99

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

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