Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080620\
Data File : BM027003.D
Acq On : 06 Aug 2020 09:55
Operator : JU/CG
Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Aug 06 11:25:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 11:18:28 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 50205 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 179213 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.29 | 164 | 125827 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.03 | 188 | 300420 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.22 | 240 | 360564 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 359731 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 4087 | 3.71 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 35345 | 8.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 23783 | 7.99 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 28535 | 8.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 27039 | 7.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.79 | 128 | 13110 | 9.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.51 | 143 | 13844 | 10.83 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 33026 | 10.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.56 | 131 | 31688 | 8.71 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.70 | 166 | 102352 | 10.37 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.97 | 160 | 116835 | 9.31 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.48 | 143 | 14449 | 8.66 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.28 | 176 | 92003 | 10.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 14265 | 10.65 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.13 | 188 | 144092 | 9.60 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 173115 | 9.00 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.28 | 264 | 195612 | 9.64 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 5415 | 3.959 | ng/uL# | 83 |
| 4) Benzaldehyde | 6.80 | 77 | 29976 | 8.366 | ng/ul | 94 |
| 6) Phenol | 6.86 | 94 | 38509 | 8.182 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.09 | 93 | 30823 | 8.276 | ng/ul | 92 |
| 10) 2-Chlorophenol | 7.22 | 128 | 29648 | 8.676 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.09 | 108 | 26778 | 7.952 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.18 | 45 | 19303 | 5.853 | ng/ul# | 84 |
| 14) Acetophenone | 8.47 | 105 | 49193 | 8.761 | ng/ul | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.46 | 70 | 27379 | 8.073 | ng/ul# | 97 |
| 16) 4-Methylphenol | 8.42 | 108 | 29364 | 8.183 | ng/ul | 88 |
| 17) Hexachloroethane | 8.73 | 117 | 15541 | 9.542 | ng/ul# | 78 |
| 20) Nitrobenzene | 8.83 | 77 | 43689 | 9.674 | ng/ul | 97 |
| 21) Isophorone | 9.37 | 82 | 69211 | 8.693 | ng/ul# | 94 |
| 23) 2-Nitrophenol | 9.55 | 139 | 15568 | 10.680 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.62 | 107 | 37065 | 9.734 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 9.85 | 93 | 40143 | 9.050 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.07 | 162 | 32540 | 10.950 | ng/ul# | 95 |
| 28) Naphthalene | 10.47 | 128 | 96925 | 9.681 | ng/ul | 97 |
| 30) 4-Chloroaniline | 10.58 | 127 | 32456 | 8.847 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.77 | 225 | 30679 | 14.619 | ng/ul | 97 |
| 32) Caprolactam | 11.35 | 113 | 6874 | 7.407 | ng/ul# | 60 |
| 33) 4-Chloro-3-methylphenol | 11.72 | 107 | 31102 | 9.387 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.09 | 142 | 70865 | 10.011 | ng/ul | 98 |

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Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Aug 06 11:25:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 11:18:28 2020
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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.32 | 142 | 71098 | 10.280 ng/ul | 97 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216 | 54231 | 12.610 ng/ul# | 94 |
| 38) Hexachlorocyclopentadiene | 12.46 | 237 | 32577 | 11.171 ng/ul | 97 |
| 39) 2,4,6-Trichlorophenol | 12.71 | 196 | 27558 | 11.182 ng/ul | 94 |
| 40) 2,4,5-Trichlorophenol | 12.78 | 196 | 31097 | 11.809 ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.12 | 154 | 100469 | 9.555 ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.16 | 162 | 83234 | 9.838 ng/ul | 96 |
| 43) 2-Nitroaniline | 13.35 | 65 | 21840 | 8.680 ng/ul | 94 |
| 45) Dimethylphthalate | 13.74 | 163 | 105382 | 10.177 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.86 | 165 | 19206 | 10.521 ng/ul | 93 |
| 48) Acenaphthylene | 14.00 | 152 | 119371 | 9.357 ng/ul | 99 |
| 49) 3-Nitroaniline | 14.18 | 138 | 14006 | 7.849 ng/ul | 96 |
| 50) Acenaphthene | 14.35 | 153 | 83071 | 9.452 ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.39 | 184 | 8540 | 11.682 ng/ul# | 83 |
| 53) 4-Nitrophenol | 14.49 | 109 | 17035 | 10.189 ng/ul# | 77 |
| 54) Dibenzofuran | 14.69 | 168 | 127053 | 10.429 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.64 | 165 | 28889 | 11.014 ng/ul# | 87 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.92 | 232 | 28023 | 13.565 ng/ul# | 88 |
| 57) Diethylphthalate | 15.12 | 149 | 103518 | 9.970 ng/ul | 96 |
| 59) Fluorene | 15.34 | 166 | 104851 | 10.220 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.34 | 204 | 61776 | 12.099 ng/ul | 93 |
| 61) 4-Nitroaniline | 15.34 | 138 | 18191 | 8.317 ng/ul | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 15.41 | 198 | 15658 | 10.289 ng/ul | 89 |
| 65) N-Nitrosodiphenylamine | 15.54 | 169 | 87707 | 8.925 ng/ul | 97 |
| 66) 4-Bromophenyl-phenylether | 16.23 | 248 | 40638 | 11.531 ng/ul | 97 |
| 67) Hexachlorobenzene | 16.34 | 284 | 48053 | 12.023 ng/ul# | 90 |
| 68) Atrazine | 16.50 | 200 | 35209 | 9.760 ng/ul# | 95 |
| 69) Pentachlorophenol | 16.69 | 266 | 22257 | 11.192 ng/ul | 100 |
| 70) Phenanthrene | 17.07 | 178 | 177831 | 9.752 ng/ul | 99 |
| 72) Anthracene | 17.16 | 178 | 181964 | 9.708 ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.08 | 216 | 49221 | 10.429 ng/uL | 96 |
| 74) Pentachlorobenzene | 14.61 | 250 | 51825 | 11.325 ng/uL | 99 |
| 75) Carbazole | 17.43 | 167 | 143346 | 8.651 ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.02 | 149 | 169255 | 8.684 ng/ul | 99 |
| 77) Fluoranthene | 19.09 | 202 | 221911 | 10.306 ng/ul# | 89 |
| 80) Pyrene | 19.45 | 202 | 232737 | 8.872 ng/ul# | 88 |
| 81) Butylbenzylphthalate | 20.37 | 149 | 71303 | 7.310 ng/ul# | 92 |
| 82) 3,3'-Dichlorobenzidine | 21.14 | 252 | 67305 | 7.895 ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.20 | 228 | 239294 | 9.629 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 108395 | 7.412 ng/ul# | 96 |
| 85) Chrysene | 21.26 | 228 | 233996 | 9.655 ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.03 | 149 | 180149 | 6.816 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 239587 | 9.310 ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.80 | 252 | 244462 | 9.900 ng/ul# | 96 |
| 91) Benzo(a)pyrene | 23.32 | 252 | 221846 | 9.554 ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.62 | 276 | 277188 | 9.622 ng/ul# | 88 |
| 93) Dibenzo(a,h)anthracene | 25.63 | 278 | 237119 | 9.732 ng/ul# | 93 |
| 94) Benzo(g,h,i)perylene | 26.29 | 276 | 227117 | 9.535 ng/ul# | 94 |

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Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

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

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