

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\  
 Data File : BM028841.D  
 Acq On : 20 Feb 2021 13:28  
 Operator : CG/JU  
 Sample : SSTD00502  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD00502

Quant Time: Feb 20 15:54:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022121MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 20 15:43:14 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 19924    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 81095    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.49 | 164  | 49498    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.23 | 188  | 100128   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.39 | 240  | 92499    | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.61 | 264  | 86321    | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 789   | 1.67 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 0.00  | 99  | 0d    | 0.00 | ng/ul |      |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00  | 67  | 0d    | 0.00 | ng/ul |      |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 6102  | 4.14 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 0.00  | 113 | 0d    | 0.00 | ng/ul |      |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 2554  | 3.68 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 2780  | 3.67 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.27 | 165 | 5639  | 4.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d    | 0.00 | ng/ul |      |
| 44) Dimethylphthalate-d6       | 13.90 | 166 | 17795 | 4.53 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.18 | 160 | 21785 | 4.34 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0d    | 0.00 | ng/ul |      |
| 58) Fluorene-d10               | 15.48 | 176 | 14856 | 4.37 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d    | 0.00 | ng/ul |      |
| 71) Anthracene-d10             | 17.33 | 188 | 22738 | 4.41 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.61 | 212 | 23139 | 4.28 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.47 | 264 | 22042 | 4.50 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |       | Ovalue    |
|--------------------------------|-------|-----|-------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 890   | 1.823 | ng/uL# 82 |
| 10) 2-Chlorophenol             | 7.39  | 128 | 6418  | 4.315 | ng/ul 96  |
| 15) N-Nitroso-di-n-propylamine | 8.64  | 70  | 4209  | 4.081 | ng/ul 97  |
| 17) Hexachloroethane           | 8.90  | 117 | 2837  | 4.328 | ng/ul 91  |
| 20) Nitrobenzene               | 9.05  | 77  | 6440  | 3.879 | ng/ul 94  |
| 21) Isophorone                 | 9.57  | 82  | 11615 | 4.020 | ng/ul 100 |
| 23) 2-Nitrophenol              | 9.75  | 139 | 3171  | 3.948 | ng/ul 91  |
| 24) 2,4-Dimethylphenol         | 9.82  | 107 | 6823  | 4.421 | ng/ul 97  |
| 25) Bis(2-Chloroethoxy)methane | 10.05 | 93  | 7903  | 4.275 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 10.30 | 162 | 5814  | 4.389 | ng/ul 95  |
| 28) Naphthalene                | 10.68 | 128 | 20561 | 4.403 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.95 | 225 | 3983  | 4.601 | ng/ul 97  |
| 33) 4-Chloro-3-methylphenol    | 11.95 | 107 | 5751  | 4.268 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.30 | 142 | 14594 | 4.711 | ng/ul 97  |
| 35) 1-Methylnaphthalene        | 12.52 | 142 | 14440 | 3.995 | ng/ul 96  |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216 | 7335  | 4.296 | ng/ul 98  |
| 39) 2,4,6-Trichlorophenol      | 12.92 | 196 | 4465  | 4.107 | ng/ul 96  |
| 40) 2,4,5-Trichlorophenol      | 13.00 | 196 | 4797  | 4.152 | ng/ul 98  |
| 41) 1,1'-Biphenyl              | 13.32 | 154 | 19018 | 4.398 | ng/ul 98  |
| 42) 2-Chloronaphthalene        | 13.36 | 162 | 14627 | 4.321 | ng/ul 94  |
| 43) 2-Nitroaniline             | 13.58 | 65  | 3306  | 3.411 | ng/ul 87  |
| 45) Dimethylphthalate          | 13.95 | 163 | 18267 | 4.585 | ng/ul 98  |
| 46) 2,6-Dinitrotoluene         | 14.08 | 165 | 3101  | 3.804 | ng/ul 92  |

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|--------------------------------|-------|------|----------|-------|--------|----------|
| 48) Acenaphthylene             | 14.21 | 152  | 20769    | 4.134 | ng/ul  | 98       |
| 50) Acenaphthene               | 14.55 | 153  | 15933    | 4.462 | ng/ul  | 98       |
| 54) Dibenzofuran               | 14.89 | 168  | 21849    | 4.560 | ng/ul  | 99       |
| 55) 2,4-Dinitrotoluene         | 14.87 | 165  | 4584     | 4.073 | ng/ul# | 95       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.12 | 232  | 3747     | 3.965 | ng/ul# | 97       |
| 57) Diethylphthalate           | 15.31 | 149  | 18305    | 4.493 | ng/ul  | 99       |
| 59) Fluorene                   | 15.53 | 166  | 17844    | 4.527 | ng/ul  | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.53 | 204  | 8919     | 4.604 | ng/ul  | 95       |
| 65) N-Nitrosodiphenylamine     | 15.74 | 169  | 14971    | 4.407 | ng/ul  | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.42 | 248  | 5009     | 4.191 | ng/ul  | 96       |
| 67) Hexachlorobenzene          | 16.53 | 284  | 6118     | 4.474 | ng/ul# | 92       |
| 70) Phenanthrene               | 17.27 | 178  | 27697    | 4.480 | ng/ul  | 98       |
| 72) Anthracene                 | 17.36 | 178  | 27962    | 4.431 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.28 | 216  | 7498     | 4.336 | ng/uL  | 97       |
| 74) Pentachlorobenzene         | 14.80 | 250  | 7088     | 4.368 | ng/uL  | 94       |
| 76) Di-n-butylphthalate        | 18.19 | 149  | 30635    | 4.266 | ng/ul  | 99       |
| 80) Pyrene                     | 19.64 | 202  | 31394    | 4.387 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.53 | 149  | 13254    | 4.136 | ng/ul  | 92       |
| 83) Benzo(a)anthracene         | 21.37 | 228  | 28917    | 4.498 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 20866    | 4.340 | ng/ul  | 100      |
| 85) Chrysene                   | 21.42 | 228  | 28329    | 4.545 | ng/ul  | 99       |
| 88) Benzo(b)fluoranthene       | 22.94 | 252  | 28451    | 4.869 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 22.99 | 252  | 27470    | 4.801 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 23.51 | 252  | 24774    | 4.592 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.84 | 276  | 28993    | 4.408 | ng/ul  | 96       |
| 93) Dibenzo(a,h)anthracene     | 25.86 | 278  | 24020    | 4.333 | ng/ul  | 96       |
| 94) Benzo(g,h,i)perylene       | 26.53 | 276  | 23225    | 4.232 | ng/ul  | 97       |

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

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