

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041221\  
 Data File : BM029447.D  
 Acq On : 12 Apr 2021 12:04  
 Operator : CG/JU  
 Sample : SSTD00514  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD005014

Quant Time: Apr 12 15:21:00 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM041221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 12 15:01:13 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 98233    | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.46 | 136  | 378138   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.32 | 164  | 206249   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.06 | 188  | 389600   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 334741   | 20.00 | ng/ul | 0.00     |
| 87) Perylene-d12          | 23.44 | 264  | 331842   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 5526  | 2.21 | ng/uL | 0.01 |
| 4) Pyridine-d5                 | 0.00  | 84  | 0d    | 0.00 | ng/ul |      |
| 7) Phenol-d5                   | 0.00  | 99  | 0d    | 0.00 | ng/ul |      |
| 9) Bis-(2-Chloroethyl)ether-d  | 0.00  | 67  | 0d    | 0.00 | ng/ul |      |
| 11) 2-Chlorophenol-d4          | 7.22  | 132 | 28846 | 4.78 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8          | 0.00  | 113 | 0d    | 0.00 | ng/ul |      |
| 21) Nitrobenzene-d5            | 8.83  | 128 | 12648 | 5.26 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4           | 9.55  | 143 | 13016 | 5.68 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 26089 | 4.34 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4         | 0.00  | 131 | 0d    | 0.00 | ng/ul |      |
| 46) Dimethylphthalate-d6       | 13.73 | 166 | 70713 | 4.55 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8          | 14.01 | 160 | 81517 | 4.43 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4           | 0.00  | 143 | 0d    | 0.00 | ng/ul |      |
| 60) Fluorene-d10               | 15.31 | 176 | 58065 | 4.34 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d    | 0.00 | ng/ul |      |
| 73) Anthracene-d10             | 17.16 | 188 | 82730 | 4.45 | ng/ul | 0.00 |
| 80) Pyrene-d10                 | 19.45 | 212 | 80507 | 5.15 | ng/ul | 0.00 |
| 91) Benzo(a)pyrene-d12         | 23.30 | 264 | 78826 | 4.46 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |       | Ovalue |     |
|--------------------------------|-------|-----|-------|-------|--------|-----|
| 2) 1,4-Dioxane                 | 3.22  | 88  | 5118  | 2.040 | ng/uL# | 88  |
| 12) 2-Chlorophenol             | 7.25  | 128 | 31160 | 4.837 | ng/ul  | 97  |
| 17) N-Nitroso-di-n-propylamine | 8.49  | 70  | 25556 | 5.459 | ng/ul# | 93  |
| 19) Hexachloroethane           | 8.76  | 117 | 14146 | 5.127 | ng/ul  | 94  |
| 22) Nitrobenzene               | 8.87  | 77  | 38990 | 5.560 | ng/ul  | 97  |
| 23) Isophorone                 | 9.40  | 82  | 64200 | 5.124 | ng/ul  | 99  |
| 25) 2-Nitrophenol              | 9.58  | 139 | 15023 | 5.687 | ng/ul  | 93  |
| 26) 2,4-Dimethylphenol         | 9.65  | 107 | 34743 | 4.840 | ng/ul  | 96  |
| 27) Bis(2-Chloroethoxy)methane | 9.88  | 93  | 39446 | 5.271 | ng/ul  | 97  |
| 29) 2,4-Dichlorophenol         | 10.11 | 162 | 25620 | 4.213 | ng/ul  | 91  |
| 30) Naphthalene                | 10.51 | 128 | 96963 | 4.733 | ng/ul  | 99  |
| 33) Hexachlorobutadiene        | 10.80 | 225 | 16248 | 3.721 | ng/ul  | 96  |
| 35) 4-Chloro-3-methylphenol    | 11.75 | 107 | 27674 | 4.685 | ng/ul  | 100 |
| 36) 2-Methylnaphthalene        | 12.13 | 142 | 63640 | 4.397 | ng/ul  | 96  |
| 37) 1-Methylnaphthalene        | 12.35 | 142 | 62925 | 4.404 | ng/ul  | 96  |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 27441 | 3.851 | ng/ul  | 96  |
| 41) 2,4,6-Trichlorophenol      | 12.75 | 196 | 17331 | 4.423 | ng/ul  | 97  |
| 42) 2,4,5-Trichlorophenol      | 12.82 | 196 | 19344 | 4.636 | ng/ul  | 99  |
| 43) 1,1'-Biphenyl              | 13.15 | 154 | 79194 | 4.717 | ng/ul  | 95  |
| 44) 2-Chloronaphthalene        | 13.19 | 162 | 60574 | 4.570 | ng/ul  | 98  |
| 45) 2-Nitroaniline             | 13.40 | 65  | 17279 | 6.076 | ng/ul  | 96  |
| 47) Dimethylphthalate          | 13.78 | 163 | 73082 | 4.590 | ng/ul  | 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041221\  
 Data File : BM029447.D  
 Acq On : 12 Apr 2021 12:04  
 Operator : CG/JU  
 Sample : SSTD00514  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD005014

Quant Time: Apr 12 15:21:00 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM041221.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Apr 12 15:01:13 2021  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 48) 2,6-Dinitrotoluene         | 13.90 | 165  | 12365    | 4.990 | ng/ul# | 95       |
| 50) Acenaphthylene             | 14.04 | 152  | 86546    | 4.551 | ng/ul  | 98       |
| 52) Acenaphthene               | 14.38 | 153  | 66863    | 4.735 | ng/ul  | 95       |
| 56) Dibenzofuran               | 14.72 | 168  | 88868    | 4.528 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 16326    | 4.617 | ng/ul  | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 14062    | 4.205 | ng/ul  | 96       |
| 59) Diethylphthalate           | 15.14 | 149  | 72052    | 4.597 | ng/ul  | 99       |
| 61) Fluorene                   | 15.37 | 166  | 72160    | 4.394 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenylether | 15.37 | 204  | 31844    | 3.864 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine     | 15.58 | 169  | 60084    | 4.828 | ng/ul  | 96       |
| 68) 4-Bromophenyl-phenylether  | 16.26 | 248  | 17064    | 4.116 | ng/ul  | 98       |
| 69) Hexachlorobenzene          | 16.37 | 284  | 19498    | 4.222 | ng/ul  | 96       |
| 72) Phenanthrene               | 17.10 | 178  | 108062   | 4.698 | ng/ul  | 98       |
| 74) Anthracene                 | 17.19 | 178  | 106680   | 4.514 | ng/ul  | 99       |
| 75) Pentachlorobenzene         | 14.64 | 250  | 26617    | 4.333 | ng/uL  | 99       |
| 77) Di-n-butylphthalate        | 18.03 | 149  | 109209   | 4.860 | ng/ul  | 99       |
| 79) Fluoranthene               | 19.12 | 202  | 106336   | 5.298 | ng/ul  | 98       |
| 81) Pyrene                     | 19.48 | 202  | 114550   | 5.445 | ng/ul  | 97       |
| 82) Butylbenzylphthalate       | 20.39 | 149  | 43907    | 5.939 | ng/ul  | 98       |
| 84) Benzo(a)anthracene         | 21.22 | 228  | 99709    | 4.617 | ng/ul  | 98       |
| 85) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 66721    | 5.492 | ng/ul  | 99       |
| 86) Chrysene                   | 21.27 | 228  | 96053    | 4.549 | ng/ul  | 99       |
| 89) Benzo(b)fluoranthene       | 22.78 | 252  | 97095    | 4.527 | ng/ul  | 99       |
| 90) Benzo(k)fluoranthene       | 22.83 | 252  | 97353    | 4.543 | ng/ul  | 98       |
| 92) Benzo(a)pyrene             | 23.35 | 252  | 87079    | 4.481 | ng/ul  | 99       |
| 93) Indeno(1,2,3-cd)pyrene     | 25.66 | 276  | 111710   | 4.275 | ng/ul  | 97       |
| 94) Dibenzo(a,h)anthracene     | 25.67 | 278  | 93911    | 4.259 | ng/ul  | 98       |
| 95) Benzo(a,h,i)perylene       | 26.34 | 276  | 93434    | 4.359 | ng/ul  | 98       |
| -----                          |       |      |          |       |        |          |

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

