

Data File : BN010000.D  
Acq On : 28 Feb 2020 23:44  
Operator : CG/JU  
Sample : L1507-14RX  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Feb 29 03:32:08 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Feb 29 01:38:10 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 76906    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.12 | 136  | 337535   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.02 | 164  | 223071   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.77 | 188  | 503840   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.00 | 240  | 488390   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 505075   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.02  | 96  | 9629   | 5.15  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.58  | 99  | 188067 | 28.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.73  | 67  | 135109 | 29.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.92  | 132 | 151216 | 30.71 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.09  | 113 | 152382 | 29.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.52  | 128 | 75524  | 30.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.23  | 143 | 81165  | 30.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.76  | 165 | 160256 | 30.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.28 | 131 | 154042 | 26.40 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.45 | 166 | 532380 | 31.95 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.70 | 160 | 634703 | 32.34 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.28 | 143 | 80278  | 26.38 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.02 | 176 | 488567 | 33.96 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 79032  | 25.25 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.87 | 188 | 777378 | 33.66 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.19 | 212 | 853551 | 33.44 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.97 | 264 | 856004 | 33.94 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |           |               | Qvalue |
|----------------------------|-------|-----|-----------|---------------|--------|
| 6) Phenol                  | 6.60  | 94  | 8125      | 1.159 ng/ul#  | 56     |
| 28) Naphthalene            | 10.17 | 128 | 346749    | 19.050 ng/ul  | 99     |
| 34) 2-Methylnaphthalene    | 11.79 | 142 | 267330    | 21.152 ng/ul  | 97     |
| 41) 1,1'-Biphenyl          | 12.84 | 154 | 78865     | 4.603 ng/ul   | 99     |
| 45) Dimethylphthalate      | 13.49 | 163 | 46738     | 2.688 ng/ul   | 96     |
| 48) Acenaphthylene         | 13.73 | 152 | 225650    | 10.624 ng/ul  | 99     |
| 50) Acenaphthene           | 14.08 | 153 | 501790    | 34.462 ng/ul  | 98     |
| 54) Dibenzofuran           | 14.42 | 168 | 439362    | 21.498 ng/ul  | 96     |
| 59) Fluorene               | 15.07 | 166 | 404592    | 23.589 ng/ul  | 99     |
| 70) Phenanthrene           | 16.82 | 178 | 2312675   | 80.429 ng/ul  | 99     |
| 72) Anthracene             | 16.91 | 178 | 1091682   | 37.139 ng/ul  | 98     |
| 75) Carbazole              | 17.19 | 167 | 215436    | 8.323 ng/ul   | 97     |
| 77) Fluoranthene           | 18.86 | 202 | 8820777   | 261.888 ng/ul | 100    |
| 80) Pyrene                 | 19.23 | 202 | 16866900m | 479.027 ng/ul |        |
| 83) Benzo(a)anthracene     | 20.99 | 228 | 3498400   | 104.235 ng/ul | 96     |
| 85) Chrysene               | 21.05 | 228 | 4028860m  | 121.932 ng/ul |        |
| 88) Benzo(b)fluoranthene   | 22.50 | 252 | 4673918   | 142.728 ng/ul | 98     |
| 89) Benzo(k)fluoranthene   | 22.53 | 252 | 1388276m  | 44.772 ng/ul  |        |
| 91) Benzo(a)pyrene         | 23.02 | 252 | 1818265   | 61.734 ng/ul  | 98     |
| 92) Indeno(1,2,3-cd)pyrene | 25.13 | 276 | 883745    | 25.273 ng/ul  | 95     |
| 93) Dibenzo(a,h)anthracene | 25.13 | 278 | 249150    | 8.329 ng/ul#  | 70     |
| 94) Benzo(g,h,i)perylene   | 25.76 | 276 | 545123    | 18.592 ng/ul  | 97     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022820\  
Quantitation Report (QT Reviewed)

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|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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

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