

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\  
 Data File : BM026934.D  
 Acq On : 29 Jul 2020 20:07  
 Operator : JU/CG  
 Sample : L3419-18  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 30 01:37:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 30 01:20:34 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 61858    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 236140   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 148244   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 322572   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.23 | 240  | 352858   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.44 | 264  | 387571   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 10590  | 7.81 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.84  | 99  | 44757  | 8.26 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 32531  | 8.87 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 32719  | 8.07 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 33679  | 8.08 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.81  | 128 | 15860  | 8.64 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 13343  | 7.92 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 31586  | 7.86 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 41496  | 8.66 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.71 | 166 | 108871 | 9.37 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.99 | 160 | 125704 | 8.50 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 10198  | 5.19 | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.29 | 176 | 96088  | 9.50 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 6816   | 4.74 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.14 | 188 | 145819 | 9.04 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.44 | 212 | 173432 | 9.21 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.30 | 264 | 204389 | 9.35 | ng/ul | -0.02 |

## Target Compounds

|                            |       |     |        |              | Ovalue |
|----------------------------|-------|-----|--------|--------------|--------|
| 45) Dimethylphthalate      | 13.76 | 163 | 47943  | 3.930 ng/ul  | 97     |
| 77) Fluoranthene           | 19.10 | 202 | 56909  | 2.462 ng/ul# | 96     |
| 80) Pyrene                 | 19.47 | 202 | 60033  | 2.338 ng/ul# | 91     |
| 83) Benzo(a)anthracene     | 21.22 | 228 | 32939  | 1.354 ng/ul  | 94     |
| 85) Chrysene               | 21.27 | 228 | 78650  | 3.316 ng/ul  | 97     |
| 88) Benzo(b)fluoranthene   | 22.78 | 252 | 212687 | 7.671 ng/ul  | 98     |
| 89) Benzo(k)fluoranthene   | 22.82 | 252 | 75003m | 2.819 ng/ul  |        |
| 91) Benzo(a)pyrene         | 23.34 | 252 | 87970  | 3.516 ng/ul  | 96     |
| 92) Indeno(1,2,3-cd)pyrene | 25.65 | 276 | 252412 | 8.133 ng/ul  | 96     |
| 93) Dibenzo(a,h)anthracene | 25.66 | 278 | 57176  | 2.178 ng/ul  | 99     |
| 94) Benzo(g,h,i)perylene   | 26.33 | 276 | 451039 | 17.575 ng/ul | 99     |

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

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