

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\  
 Data File : BM023073.D  
 Acq On : 09 Oct 2019 08:22  
 Operator : JU  
 Sample : K5028-10  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFDL0

Quant Time: Oct 09 09:42:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 09 05:18:32 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 183375   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 782333   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.41 | 164  | 457590   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.15 | 188  | 851802   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.33 | 240  | 789555   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.58 | 264  | 931170   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 22479   | 5.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.94  | 99  | 89092   | 5.50  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 203034  | 22.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 253811  | 19.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 163875  | 12.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 148160  | 24.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 163452  | 24.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 298184  | 22.72 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.69 | 131 | 289206  | 18.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.82 | 166 | 940695  | 26.49 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.10 | 160 | 1051735 | 25.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.61 | 143 | 32972   | 4.70  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.40 | 176 | 784104  | 25.91 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 113973  | 20.56 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.25 | 188 | 1175275 | 28.25 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.54 | 212 | 1253142 | 29.49 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.44 | 264 | 1393218 | 28.92 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |        |       | Ovalue |     |
|-------------------------|-------|-----|--------|-------|--------|-----|
| 4) Benzaldehyde         | 6.92  | 77  | 17048  | 2.322 | ng/ul# | 1   |
| 24) 2,4-Dimethylphenol  | 9.74  | 107 | 24969  | 1.701 | ng/ul  | 97  |
| 28) Naphthalene         | 10.61 | 128 | 350472 | 8.295 | ng/ul  | 100 |
| 34) 2-Methylnaphthalene | 12.22 | 142 | 195576 | 6.174 | ng/ul  | 99  |
| 41) 1,1'-Biphenyl       | 13.24 | 154 | 37568  | 1.003 | ng/ul  | 99  |
| 45) Dimethylphthalate   | 13.86 | 163 | 296981 | 8.141 | ng/ul  | 99  |
| 50) Acenaphthene        | 14.47 | 153 | 173079 | 5.613 | ng/ul  | 100 |
| 59) Fluorene            | 15.46 | 166 | 73077  | 2.053 | ng/ul  | 99  |
| 70) Phenanthrene        | 17.19 | 178 | 168242 | 3.309 | ng/ul  | 99  |

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

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