

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\  
 Data File : BM023066.D  
 Acq On : 09 Oct 2019 04:11  
 Operator : JU  
 Sample : K5028-02  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFDK3

Quant Time: Oct 09 06:59:25 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  | 181749   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.56 | 136  | 758534   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.41 | 164  | 441080   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.15 | 188  | 847534   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.33 | 240  | 826836   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.58 | 264  | 978244   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 21466   | 5.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.94  | 99  | 78532   | 4.89  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 173066  | 19.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 217526  | 16.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 140270  | 10.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 122119  | 20.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 133066  | 20.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 247727  | 19.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.70 | 131 | 262859  | 17.00 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.82 | 166 | 766305  | 22.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.10 | 160 | 868204  | 21.97 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.60 | 143 | 25173   | 3.72  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.40 | 176 | 639642  | 21.92 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 95437   | 17.30 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.24 | 188 | 992534  | 23.98 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.54 | 212 | 1089283 | 24.48 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.44 | 264 | 1233212 | 24.37 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |        | Ovalue |           |
|-------------------------|-------|-----|--------|--------|-----------|
| 4) Benzaldehyde         | 6.92  | 77  | 11632  | 1.598  | ng/ul# 23 |
| 28) Naphthalene         | 10.61 | 128 | 197490 | 4.821  | ng/ul 99  |
| 34) 2-Methylnaphthalene | 12.23 | 142 | 106000 | 3.451  | ng/ul 100 |
| 45) Dimethylphthalate   | 13.87 | 163 | 146737 | 4.173  | ng/ul 99  |
| 50) Acenaphthene        | 14.47 | 153 | 50596  | 1.702  | ng/ul 99  |
| 70) Phenanthrene        | 17.19 | 178 | 76959  | 1.521  | ng/ul 99  |

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

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