

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\  
 Data File : BM023264.D  
 Acq On : 18 Oct 2019 19:00  
 Operator : JU  
 Sample : K5223-06RX  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEPE0

Quant Time: Oct 19 02:26:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 19 01:30:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 358898   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1395505  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.30 | 164  | 846965   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 1724189  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 1822460  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.44 | 264  | 2165606  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 29533   | 3.62  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 539541  | 17.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 327900  | 18.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 466643  | 19.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 421338  | 16.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 215234  | 22.80 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 231285  | 25.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 455350  | 19.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 48715   | 1.75  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 1371744 | 21.13 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.99 | 160 | 1593592 | 20.93 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 166909  | 15.88 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.30 | 176 | 1176442 | 21.27 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 133685  | 19.56 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 1913760 | 23.02 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 2253666 | 25.53 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 2740688 | 24.97 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |       | Ovalue |    |
|--------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                | 6.86  | 94  | 50744  | 1.574 | ng/ul  | 95 |
| 45) Dimethylphthalate    | 13.76 | 163 | 466226 | 7.177 | ng/ul  | 99 |
| 70) Phenanthrene         | 17.09 | 178 | 334805 | 3.460 | ng/ul  | 99 |
| 77) Fluoranthene         | 19.11 | 202 | 440080 | 3.824 | ng/ul  | 99 |
| 80) Pyrene               | 19.47 | 202 | 396541 | 3.473 | ng/ul  | 99 |
| 83) Benzo(a)anthracene   | 21.23 | 228 | 224178 | 1.815 | ng/ul  | 93 |
| 85) Chrysene             | 21.27 | 228 | 201596 | 1.758 | ng/ul  | 98 |
| 88) Benzo(b)fluoranthene | 22.79 | 252 | 249941 | 1.904 | ng/ul# | 94 |
| 91) Benzo(a)pyrene       | 23.35 | 252 | 186276 | 1.479 | ng/ul# | 93 |

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

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