

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
 Data File : BM019498.D  
 Acq On : 27 Mar 2019 08:06  
 Operator : JU/SJ  
 Sample : K2031-02  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BF5S2

Quant Time: Mar 27 11:52:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 27 03:30:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 179202   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 701839   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 356216   | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 17.03 | 188  | 701251   | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.23 | 240  | 761341   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.45 | 264  | 879970   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 26916  | 5.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 265746 | 16.65 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 169715 | 15.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 220877 | 18.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 184127 | 15.37 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 101424 | 20.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 110019 | 19.74 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 184727 | 17.57 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 131457 | 10.41 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.68 | 166 | 551710 | 19.20 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 674686 | 18.77 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.52 | 143 | 57073  | 12.67 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.27 | 176 | 452232 | 18.26 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 15637  | 3.37  | ng/ul | 0.02 |
| 71) Anthracene-d10             | 17.12 | 188 | 633402 | 18.82 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.43 | 212 | 629772 | 17.91 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 752341 | 16.13 | ng/ul | 0.02 |

## Target Compounds

|                       |       |     |        |              | Qvalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 6) Phenol             | 6.82  | 94  | 22843  | 1.372 ng/ul# | 90     |
| 45) Dimethylphthalate | 13.73 | 163 | 101786 | 3.530 ng/ul  | 97     |

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

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