

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071918\  
 Data File : BM015988.D  
 Acq On : 19 Jul 2018 13:55  
 Operator : SJ/JU  
 Sample : J4024-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB1P2

Quant Time: Jul 19 18:37:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 19 18:24:35 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.26  | 152  | 51872    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.08 | 136  | 253359   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.88 | 164  | 155347   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.61 | 188  | 368401   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.73 | 240  | 428717   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.11 | 264  | 433272   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.49  | 96  | 7269   | 6.17  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.42  | 99  | 29538  | 6.23  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.57  | 67  | 97268  | 32.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.78  | 132 | 105696 | 27.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 70480  | 17.36 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.44  | 128 | 63935  | 35.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.17 | 143 | 73276  | 35.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 129220 | 32.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0      | 0.00  | ng/ul |      |
| 43) Dimethylphthalate-d6       | 14.29 | 166 | 508869 | 35.94 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.58 | 160 | 576640 | 35.70 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.12 | 143 | 12671  | 5.16  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.86 | 176 | 420609 | 35.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.00 | 200 | 70530  | 28.68 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.71 | 188 | 667463 | 35.39 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.97 | 212 | 768447 | 38.67 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.96 | 264 | 858889 | 36.04 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |        | Qvalue |    |
|--------------------------------|-------|-----|-------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 25896 | 22.532 | ng/uL  | 85 |
| 45) 2,6-Dinitrotoluene         | 14.29 | 165 | 2742  | 1.094  | ng/ul# | 38 |
| 83) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 29156 | 1.635  | ng/ul# | 93 |

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

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