

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\  
 Data File : BM017813.D  
 Acq On : 30 Nov 2018 01:33  
 Operator : JU/SJ  
 Sample : J6027-21  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB4R8

Quant Time: Nov 30 02:51:07 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 29 00:55:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 265617   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 1134116  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 629967   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1243138  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 893504   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.38 | 264  | 904706   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |      |     |    |      |       |  |
|--------------------------------|------|-----|----|------|-------|--|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0  | 0.00 | ng/uL |  |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |  |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0d | 0.00 | ng/ul |  |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |  |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |  |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |  |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |  |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |  |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0d | 0.00 | ng/ul |  |
| 43) Dimethylphthalate-d6       | 0.00 | 166 | 0  | 0.00 | ng/ul |  |
| 46) Acenaphthylene-d8          | 0.00 | 160 | 0  | 0.00 | ng/ul |  |
| 51) 4-Nitrophenol-d4           | 0.00 | 143 | 0d | 0.00 | ng/ul |  |
| 57) Fluorene-d10               | 0.00 | 176 | 0d | 0.00 | ng/ul |  |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |  |
| 70) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |  |
| 78) Pyrene-d10                 | 0.00 | 212 | 0d | 0.00 | ng/ul |  |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |  |

## Target Compounds

|                            |       |     |         |        | Ovalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 28) Naphthalene            | 10.40 | 128 | 95905   | 1.623  | ng/ul  | 98 |
| 49) Acenaphthene           | 14.30 | 153 | 78047   | 1.753  | ng/ul  | 94 |
| 53) Dibenzofuran           | 14.64 | 168 | 105562  | 1.675  | ng/ul  | 98 |
| 58) Fluorene               | 15.29 | 166 | 162584  | 3.094  | ng/ul  | 96 |
| 69) Phenanthrene           | 17.03 | 178 | 2100863 | 29.552 | ng/ul  | 99 |
| 71) Anthracene             | 17.13 | 178 | 202022  | 2.779  | ng/ul  | 98 |
| 76) Fluoranthene           | 19.06 | 202 | 2592550 | 31.005 | ng/ul  | 98 |
| 79) Pyrene                 | 19.42 | 202 | 1549830 | 28.574 | ng/ul  | 98 |
| 82) Benzo(a)anthracene     | 21.18 | 228 | 748412  | 13.504 | ng/ul  | 99 |
| 84) Chrysene               | 21.23 | 228 | 837265  | 16.154 | ng/ul  | 99 |
| 87) Benzo(b)fluoranthene   | 22.73 | 252 | 614807  | 10.933 | ng/ul# | 94 |
| 88) Benzo(k)fluoranthene   | 22.77 | 252 | 210971  | 3.860  | ng/ul# | 95 |
| 91) Indeno(1,2,3-cd)pyrene | 25.55 | 276 | 65312   | 1.156  | ng/ul  | 97 |

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

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