

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122118\  
 Data File : BN004188.D  
 Acq On : 22 Dec 2018 08:10  
 Operator : JU/SJ  
 Sample : J6412-20  
 Misc : GC-MS Confirmation  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 CB525

Quant Time: Dec 24 07:25:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 24 07:07:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 31912    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 149884   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 93814    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.21 | 188  | 209764   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.40 | 240  | 210021   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.72 | 264  | 187502   | 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  | 0  | 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 | 0  | 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 | 0  | 0.00 | ng/ul |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |

## Target Compounds

|                          |       |     |       |              | Qvalue |
|--------------------------|-------|-----|-------|--------------|--------|
| 69) Phenanthrene         | 17.25 | 178 | 50535 | 4.170 ng/ul  | 99     |
| 76) Fluoranthene         | 19.27 | 202 | 91882 | 6.185 ng/ul  | 100    |
| 79) Pyrene               | 19.63 | 202 | 42833 | 3.651 ng/ul  | 98     |
| 82) Benzo(a)anthracene   | 21.38 | 228 | 27722 | 2.117 ng/ul  | 99     |
| 84) Chrysene             | 21.43 | 228 | 31408 | 2.560 ng/ul  | 98     |
| 87) Benzo(b)fluoranthene | 23.02 | 252 | 13083 | 1.165 ng/ul# | 69     |

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

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