

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122918\  
 Data File : BN004301.D  
 Acq On : 29 Dec 2018 15:00  
 Operator : JU/SJ  
 Sample : J6428-05  
 Misc : GCMS Confirmation  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41T9

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 3:42:19 PM

Quant Time: Dec 31 02:45:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 28 03:12:04 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 31145    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 149813   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 91230    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 206375   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.40 | 240  | 206913   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.72 | 264  | 189029   | 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 | 0  | 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 | 0  | 0.00 | ng/ul |  |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |  |

## Target Compounds

|                                |       |     |        |        | Qvalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 47) Acenaphthylene             | 14.18 | 152 | 13876  | 1.508  | ng/ul  | 98  |
| 49) Acenaphthene               | 14.52 | 153 | 8814   | 1.345  | ng/ul  | 98  |
| 53) Dibenzofuran               | 14.86 | 168 | 11431  | 1.229  | ng/ul  | 100 |
| 58) Fluorene                   | 15.50 | 166 | 12620  | 1.629  | ng/ul  | 99  |
| 69) Phenanthrene               | 17.25 | 178 | 309239 | 25.934 | ng/ul  | 99  |
| 71) Anthracene                 | 17.34 | 178 | 72844  | 5.960  | ng/ul  | 99  |
| 76) Fluoranthene               | 19.27 | 202 | 603162 | 41.268 | ng/ul  | 100 |
| 79) Pyrene                     | 19.63 | 202 | 478053 | 41.356 | ng/ul  | 99  |
| 80) Butylbenzylphthalate       | 20.51 | 149 | 28552  | 5.528  | ng/ul  | 98  |
| 82) Benzo(a)anthracene         | 21.38 | 228 | 258415 | 20.028 | ng/ul  | 99  |
| 83) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 41368  | 5.243  | ng/ul  | 98  |
| 84) Chrysene                   | 21.43 | 228 | 226572 | 18.748 | ng/ul  | 99  |
| 87) Benzo(b)fluoranthene       | 23.02 | 252 | 292527 | 25.834 | ng/ul# | 97  |
| 88) Benzo(k)fluoranthene       | 23.06 | 252 | 99044m | 9.341  | ng/ul  |     |
| 90) Benzo(a)pyrene             | 23.62 | 252 | 170185 | 15.606 | ng/ul  | 98  |
| 91) Indeno(1,2,3-cd)pyrene     | 26.07 | 276 | 122363 | 8.608  | ng/ul  | 94  |
| 92) Dibenzo(a,h)anthracene     | 26.07 | 278 | 33760  | 2.857  | ng/ul# | 83  |
| 93) Benzo(g,h,i)perylene       | 26.81 | 276 | 115483 | 9.706  | ng/ul  | 99  |

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

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