

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122918\  
 Data File : BN004312.D  
 Acq On : 02 Jan 2019 15:45  
 Operator : JU/SJ  
 Sample : J6431-01  
 Misc : GCMS Confirmation  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41T6

Manual Integrations  
 APPROVED

Sohil  
 1/2/2019 4:47:41 PM

Quant Time: Jan 02 16:36:02 2019  
 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  | 31954    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.61 | 136  | 144630   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 87196    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.20 | 188  | 204972   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.40 | 240  | 210231   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.73 | 264  | 187632   | 20.00 | ng/ul | 0.01     |

## 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 | 0  | 0.00 | ng/ul |  |
| 57) Fluorene-d10               | 0.00 | 176 | 0  | 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 | 87786  | 7.412 | ng/ul  | 99 |
| 76) Fluoranthene         | 19.26 | 202 | 123373 | 8.499 | ng/ul  | 99 |
| 79) Pyrene               | 19.63 | 202 | 20060  | 1.708 | ng/ul  | 99 |
| 82) Benzo(a)anthracene   | 21.38 | 228 | 30245  | 2.307 | ng/ul  | 97 |
| 84) Chrysene             | 21.43 | 228 | 44260  | 3.604 | ng/ul  | 99 |
| 87) Benzo(b)fluoranthene | 23.02 | 252 | 31993  | 2.846 | ng/ul# | 87 |

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

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