

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006486.D  
 Acq On : 22 Jun 2019 13:30  
 Operator : HP/JU  
 Sample : K3362-14  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4203

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 8:44:22 AM

Quant Time: Jun 24 05:46:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 22:42:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 321144   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 1437902  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.28 | 164  | 828136   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 1696977  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1137177  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.49 | 264  | 1154966  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 32156   | 3.91  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 670688  | 19.61 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 451133  | 21.31 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 536095  | 21.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 471255  | 17.37 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 272146  | 23.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 303834  | 24.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 526924  | 21.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 539158  | 19.45 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.69 | 166 | 1691513 | 23.30 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 2022806 | 22.74 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 221683  | 17.88 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.28 | 176 | 1430567 | 23.17 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 171413  | 15.96 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 1978948 | 23.16 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 1905402 | 28.69 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.35 | 264 | 1498739 | 22.97 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 44) Dimethylphthalate          | 13.74 | 163 | 468506  | 7.002  | ng/ul 100 |
| 69) Phenanthrene               | 17.07 | 178 | 435764  | 4.656  | ng/ul 99  |
| 76) Fluoranthene               | 19.11 | 202 | 1115062 | 11.054 | ng/ul 98  |
| 79) Pyrene                     | 19.47 | 202 | 862957  | 11.146 | ng/ul 98  |
| 82) Benzo(a)anthracene         | 21.24 | 228 | 393756  | 5.066  | ng/ul 98  |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 590554  | 11.863 | ng/ul 99  |
| 84) Chrysene                   | 21.29 | 228 | 421286  | 5.695  | ng/ul 98  |
| 87) Benzo(b)fluoranthene       | 22.82 | 252 | 516236  | 7.448  | ng/ul 99  |
| 88) Benzo(k)fluoranthene       | 22.86 | 252 | 181994m | 2.747  | ng/ul     |
| 90) Benzo(a)pyrene             | 23.39 | 252 | 325392  | 4.896  | ng/ul 99  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.72 | 276 | 231119  | 2.938  | ng/ul 97  |
| 93) Benzo(g,h,i)perylene       | 26.40 | 276 | 192345  | 2.903  | ng/ul 98  |

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

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