

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\  
 Data File : BN005432.D  
 Acq On : 03 May 2019 01:21  
 Operator : JU/SJ  
 Sample : K2603-20 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAJ72

Manual Integrations  
 APPROVED

Sohil  
 5/3/2019 4:56:40 PM

Quant Time: May 03 05:14:24 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 03:02:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 332993   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1544262  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 986041   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 2272054  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 1920792  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.41 | 264  | 1802710  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 3087   | 0.45 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 88871  | 3.40 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 58508  | 3.59 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 74797  | 3.74 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 79237  | 3.88 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 44706  | 4.70 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 46962  | 4.87 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 87093  | 3.94 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 85027  | 3.73 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 326078 | 4.56 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 395307 | 4.50 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 30948  | 2.74 | ng/ul | 0.01  |
| 57) Fluorene-d10               | 15.22 | 176 | 286282 | 4.77 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 28782  | 2.82 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.08 | 188 | 431337 | 4.53 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 477349 | 4.86 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 345575 | 4.39 | ng/ul | -0.01 |

## Target Compounds

|                            |       |     |          |        | Ovalue |    |
|----------------------------|-------|-----|----------|--------|--------|----|
| 28) Naphthalene            | 10.40 | 128 | 1221564  | 17.016 | ng/ul  | 99 |
| 34) 2-Methylnaphthalene    | 12.02 | 142 | 1078109  | 20.510 | ng/ul  | 96 |
| 40) 1,1'-Biphenyl          | 13.05 | 154 | 83929    | 1.142  | ng/ul  | 95 |
| 44) Dimethylphthalate      | 13.69 | 163 | 104691   | 1.468  | ng/ul  | 99 |
| 47) Acenaphthylene         | 13.95 | 152 | 3295430  | 38.143 | ng/ul  | 98 |
| 49) Acenaphthene           | 14.29 | 153 | 324493   | 5.502  | ng/ul  | 98 |
| 53) Dibenzofuran           | 14.63 | 168 | 262018   | 3.085  | ng/ul  | 99 |
| 58) Fluorene               | 15.28 | 166 | 2399733  | 36.214 | ng/ul  | 98 |
| 69) Phenanthrene           | 17.03 | 178 | 10234137 | 92.489 | ng/ul  | 97 |
| 71) Anthracene             | 17.12 | 178 | 2235175  | 19.829 | ng/ul  | 98 |
| 76) Fluoranthene           | 19.06 | 202 | 5849077  | 47.656 | ng/ul  | 97 |
| 79) Pyrene                 | 19.43 | 202 | 7992457  | 64.625 | ng/ul  | 95 |
| 82) Benzo(a)anthracene     | 21.19 | 228 | 2656154m | 22.229 | ng/ul  |    |
| 84) Chrysene               | 21.25 | 228 | 2323101  | 20.948 | ng/ul  | 99 |
| 87) Benzo(b)fluoranthene   | 22.76 | 252 | 1510350  | 14.904 | ng/ul  | 99 |
| 88) Benzo(k)fluoranthene   | 22.80 | 252 | 530925m  | 5.486  | ng/ul  |    |
| 90) Benzo(a)pyrene         | 23.32 | 252 | 1460493m | 15.333 | ng/ul  |    |
| 91) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 591615   | 5.618  | ng/ul# | 93 |
| 92) Dibenzo(a,h)anthracene | 25.59 | 278 | 174527   | 1.953  | ng/ul# | 83 |
| 93) Benzo(g,h,i)perylene   | 26.25 | 276 | 565797   | 6.498  | ng/ul  | 94 |

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

