

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\  
 Data File : BM023831.D  
 Acq On : 21 Nov 2019 16:19  
 Operator : JU  
 Sample : K5851-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA4

Manual Integrations  
 APPROVED

mohammad  
 11/22/2019 1:22:48 PM

Quant Time: Nov 21 17:48:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 21 16:09:32 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 322952   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.29 | 136  | 1323283  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.17 | 164  | 806947   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.92 | 188  | 1731656  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 1677509  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 2053907  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 26673   | 3.40  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.70  | 99  | 563646  | 19.15 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.86  | 67  | 318183  | 18.81 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 449100  | 21.06 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.23  | 113 | 428354  | 18.24 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.66  | 128 | 207784  | 21.94 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.38  | 143 | 231095  | 23.21 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 440232  | 19.39 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.43 | 131 | 450005  | 18.05 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.59 | 166 | 1275603 | 20.27 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.86 | 160 | 1556388 | 21.67 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.40 | 143 | 150539  | 14.01 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.17 | 176 | 1164013 | 20.95 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200 | 123046  | 12.28 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.02 | 188 | 1793314 | 21.83 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.33 | 212 | 1953770 | 22.34 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.15 | 264 | 2361217 | 21.85 | ng/ul | 0.00  |

## Target Compounds

|                            |       |     |         |        | Ovalue |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 28) Naphthalene            | 10.33 | 128 | 96566   | 1.388  | ng/ul  | 98  |
| 45) Dimethylphthalate      | 13.64 | 163 | 532956  | 8.642  | ng/ul  | 100 |
| 48) Acenaphthylene         | 13.89 | 152 | 641442  | 8.872  | ng/ul  | 99  |
| 59) Fluorene               | 15.23 | 166 | 98167   | 1.593  | ng/ul  | 95  |
| 70) Phenanthrene           | 16.96 | 178 | 1625231 | 17.039 | ng/ul  | 100 |
| 72) Anthracene             | 17.06 | 178 | 529540  | 5.521  | ng/ul  | 100 |
| 77) Fluoranthene           | 18.99 | 202 | 3179575 | 31.114 | ng/ul  | 96  |
| 80) Pyrene                 | 19.36 | 202 | 4261895 | 39.305 | ng/ul  | 97  |
| 83) Benzo(a)anthracene     | 21.12 | 228 | 2163551 | 19.553 | ng/ul  | 94  |
| 85) Chrysene               | 21.17 | 228 | 2150884 | 20.648 | ng/ul  | 99  |
| 88) Benzo(b)fluoranthene   | 22.65 | 252 | 2184029 | 16.681 | ng/ul# | 98  |
| 89) Benzo(k)fluoranthene   | 22.68 | 252 | 786101m | 6.232  | ng/ul  |     |
| 91) Benzo(a)pyrene         | 23.19 | 252 | 2092512 | 17.458 | ng/ul  | 99  |
| 92) Indeno(1,2,3-cd)pyrene | 25.42 | 276 | 1257797 | 9.814  | ng/ul  | 98  |
| 93) Dibenzo(a,h)anthracene | 25.42 | 278 | 339361  | 3.137  | ng/ul# | 83  |
| 94) Benzo(g,h,i)perylene   | 26.07 | 276 | 1262771 | 12.159 | ng/ul  | 98  |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\  
Data File : BM023831.D  
Acq On : 21 Nov 2019 16:19  
Operator : JU  
Sample : K5851-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AA4

Quant Time: Nov 21 17:48:27 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 21 16:09:32 2019  
Response via : Initial Calibration

Manual Integrations  
APPROVED

mohammad  
11/22/2019 1:22:48 PM

