

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062621\  
 Data File : BN015104.D  
 Acq On : 26 Jun 2021 07:26  
 Operator : CG/JU  
 Sample : M2704-11  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDD4

Manual Integrations  
 APPROVED

mohammad  
 6/28/2021 1:25:49 PM

Quant Time: Jun 26 23:58:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 24 14:43:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.728  | 152  | 170104   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.499 | 136  | 695576   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.351 | 164  | 421182   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.098 | 188  | 872706   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 832338   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.539 | 264  | 854174   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.281  | 96   | 15318m   | 3.504  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.676  | 84   | 136059   | 11.544 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.893  | 99   | 255269   | 17.290 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.064  | 67   | 147779   | 17.044 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.258  | 132  | 202131   | 18.056 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.416  | 113  | 179440   | 15.748 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.869  | 128  | 92170    | 19.371 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.587  | 143  | 86141    | 20.324 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 172919   | 17.285 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.628 | 131  | 234609   | 15.133 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.757 | 166  | 527487   | 18.238 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.040 | 160  | 670808   | 17.867 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.540 | 143  | 65168    | 12.918 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.345 | 176  | 464995   | 18.481 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 31130    | 8.637  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.192 | 188  | 752357   | 18.835 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.498 | 212  | 900009   | 20.630 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.398 | 264  | 911831   | 21.624 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.163 | 202  | 181056   | 3.438  | ng/u1  | 99       |
| 82) Pyrene                    | 19.522 | 202  | 158393   | 2.886  | ng/u1  | 99       |
| 85) Benzo(a)anthracene        | 21.275 | 228  | 104551   | 2.031  | ng/u1  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.222 | 149  | 89161    | 2.846  | ng/u1  | 98       |
| 87) Chrysene                  | 21.328 | 228  | 89245    | 1.760  | ng/u1  | 99       |
| 90) Benzo(b)fluoranthene      | 22.869 | 252  | 100210   | 1.948  | ng/u1# | 95       |
| 93) Benzo(a)pyrene            | 23.439 | 252  | 82207    | 1.758  | ng/u1# | 95       |

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

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