

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN030518\  
 Data File : BN000250.D  
 Acq On : 05 Mar 2018 18:01  
 Operator : JU/SJ  
 Sample : MDL-SIM-S-05  
 Misc : 0.07 PPM  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-SIM-S-05

Quant Time: Mar 06 04:38:30 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN030218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 06 04:37:49 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.45  | 152  | 4825     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.29 | 136  | 15458    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.06 | 164  | 6459     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.78 | 188  | 13962    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.89 | 240  | 7390     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.36 | 264  | 5963     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.84 | 152  | 7547     | 0.37  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.77 | 212  | 11804    | 0.36  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Qvalue |          |
| 3) Naphthalene              | 11.34 | 128  | 2893     | 0.058 | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.92 | 142  | 1791     | 0.057 | ng/ul  | 99       |
| 7) Acenaphthylene           | 14.79 | 152  | 1767     | 0.055 | ng/ul  | 97       |
| 8) Acenaphthene             | 15.12 | 153  | 1760     | 0.057 | ng/ul# | 95       |
| 9) Fluorene                 | 16.10 | 166  | 1796     | 0.053 | ng/ul  | 92       |
| 11) Pentachlorophenol       | 17.42 | 266  | 104      | 0.037 | ng/ul  | 89       |
| 12) Phenanthrene            | 17.82 | 178  | 3160     | 0.055 | ng/ul# | 89       |
| 13) Anthracene              | 17.91 | 178  | 2143     | 0.051 | ng/ul# | 93       |
| 15) Fluoranthene            | 19.80 | 202  | 3022     | 0.055 | ng/ul  | 62       |
| 17) Pyrene                  | 20.15 | 202  | 2854     | 0.066 | ng/ul# | 55       |
| 18) Benzo(a)anthracene      | 21.87 | 228  | 1682     | 0.058 | ng/ul# | 84       |
| 19) Chrysene                | 21.93 | 228  | 2569     | 0.065 | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 23.61 | 252  | 2086     | 0.058 | ng/ul# | 78       |
| 22) Benzo(k)fluoranthene    | 23.66 | 252  | 1825     | 0.054 | ng/ul# | 70       |
| 23) Benzo(a)pyrene          | 24.26 | 252  | 1537     | 0.055 | ng/ul# | 69       |
| 24) Indeno(1,2,3-cd)pyrene  | 26.92 | 276  | 1699     | 0.054 | ng/ul# | 79       |
| 25) Dibenzo(a,h)anthracene  | 26.93 | 278  | 1189     | 0.052 | ng/ul# | 60       |
| 26) Benzo(g,h,i)perylene    | 27.70 | 276  | 1765     | 0.057 | ng/ul# | 74       |

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

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