

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082923\  
 Data File : BN027260.D  
 Acq On : 30 Aug 2023 03:53  
 Operator : MA/JU  
 Sample : 04128-16  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE126D1-20230822

Quant Time: Aug 30 18:12:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 29 05:37:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.066  | 152  | 4344     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.895 | 136  | 11831    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.694 | 164  | 7308     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.443 | 188  | 16729    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.614 | 240  | 14288    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.150 | 264  | 12714    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.589  | 112  | 1943     | 0.172 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.207  | 99   | 1272     | 0.092 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.262  | 82   | 3674     | 0.426 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.464 | 152  | 7807     | 0.449 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.189 | 330  | 1162     | 0.430 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.325 | 172  | 12246    | 0.441 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.462 | 212  | 20725    | 0.498 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.048 | 244  | 15322    | 0.534 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.458  | 88   | 15646    | 2.950 | ng    | 93       |
| 9) Naphthalene                | 10.938 | 128  | 3651     | 0.113 | ng    | # 93     |
| 12) 2-Methylnaphthalene       | 12.540 | 142  | 803      | 0.035 | ng    | # 85     |
| 18) Fluorene                  | 15.742 | 166  | 1022     | 0.035 | ng    | 95       |
| 25) Phenanthrene              | 17.480 | 178  | 3212     | 0.065 | ng    | 99       |
| 26) Anthracene                | 17.579 | 178  | 2138     | 0.051 | ng    | 97       |
| 28) Fluoranthene              | 19.495 | 202  | 4575     | 0.079 | ng    | 100      |
| 30) Pyrene                    | 19.857 | 202  | 4597     | 0.081 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.605 | 228  | 3428     | 0.070 | ng    | 96       |
| 33) Chrysene                  | 21.659 | 228  | 3637     | 0.068 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.479 | 149  | 1873     | 0.079 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.831 | 276  | 2550     | 0.049 | ng    | # 83     |
| 37) Benzo(b)fluoranthene      | 23.361 | 252  | 3622     | 0.074 | ng    | # 56     |
| 38) Benzo(k)fluoranthene      | 23.414 | 252  | 2872     | 0.057 | ng    | # 52     |
| 39) Benzo(a)pyrene            | 24.034 | 252  | 1711     | 0.037 | ng    | # 8      |
| 40) Dibenzo(a,h)anthracene    | 26.858 | 278  | 1884     | 0.047 | ng    | # 49     |
| 41) Benzo(g,h,i)perylene      | 27.656 | 276  | 1818     | 0.039 | ng    | # 63     |

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

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