

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080224\  
 Data File : BN033178.D  
 Acq On : 01 Aug 2024 21:54  
 Operator : MA/JU  
 Sample : P3401-04MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E1GG3MS

Quant Time: Aug 01 23:16:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 30 14:49:49 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.516  | 152  | 2544     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.267 | 136  | 9106     | 0.400 | ng/ul  | -0.05    |
| 9) Acenaphthene-d10         | 14.138 | 164  | 5032     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.916 | 188  | 11255    | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.134 | 240  | 8902     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.323 | 264  | 8788     | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.052  | 96   | 887      | 0.276 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.862 | 152  | 3894     | 0.262 | ng/ul  | -0.07    |
| 18) Fluoranthene-d10        | 18.953 | 212  | 10717    | 0.425 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.085  | 88   | 3199     | 0.872 | ng/ul# | 73       |
| 5) Naphthalene              | 10.317 | 128  | 9574     | 0.409 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.934 | 142  | 5955     | 0.376 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.154 | 142  | 5874     | 0.343 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.870 | 152  | 7812     | 0.379 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.203 | 153  | 6797     | 0.439 | ng/ul  | 98       |
| 12) Fluorene                | 15.212 | 166  | 7730     | 0.428 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.599 | 266  | 1829     | 0.798 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.954 | 178  | 13003    | 0.431 | ng/ul  | 100      |
| 16) Anthracene              | 17.055 | 178  | 11188    | 0.412 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.986 | 202  | 15494    | 0.529 | ng/ul  | 99       |
| 20) Pyrene                  | 19.353 | 202  | 16281    | 0.518 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.119 | 228  | 11750    | 0.387 | ng/ul  | 98       |
| 22) Chrysene                | 21.172 | 228  | 14944    | 0.422 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.671 | 252  | 10866    | 0.423 | ng/ul  | 83       |
| 25) Benzo(k)fluoranthene    | 22.714 | 252  | 13683    | 0.445 | ng/ul# | 86       |
| 26) Benzo(a)pyrene          | 23.238 | 252  | 9246     | 0.383 | ng/ul# | 75       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.537 | 276  | 12974    | 0.353 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.527 | 278  | 10368    | 0.356 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 26.211 | 276  | 9644     | 0.330 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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