

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070723\  
 Data File : BN026370.D  
 Acq On : 07 Jul 2023 22:34  
 Operator : MA/JU  
 Sample : 03237-04MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 YBW77MS

Quant Time: Jul 08 04:47:12 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 07 14:46:07 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.938  | 152  | 4671     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.743 | 136  | 17116    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.575 | 164  | 10385    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.330 | 188  | 15569    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.517 | 240  | 9905     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.961 | 264  | 10254    | 0.400 | ng/ul  | #-0.03   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.310  | 96   | 858      | 0.163 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152  | 6129     | 0.233 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.359 | 212  | 11737    | 0.311 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.339  | 88   | 2123     | 0.380 | ng/ul  | 96       |
| 5) Naphthalene              | 10.792 | 128  | 12577    | 0.256 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.409 | 142  | 6935     | 0.222 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.624 | 142  | 7691     | 0.238 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.297 | 152  | 12042    | 0.248 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.640 | 153  | 10702    | 0.269 | ng/ul  | 96       |
| 12) Fluorene                | 15.630 | 166  | 10202    | 0.224 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.997 | 266  | 1598     | 0.286 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.372 | 178  | 14737    | 0.287 | ng/ul  | 98       |
| 16) Anthracene              | 17.469 | 178  | 12223    | 0.267 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.387 | 202  | 16220    | 0.307 | ng/ul  | 99       |
| 20) Pyrene                  | 19.754 | 202  | 17135    | 0.311 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.503 | 228  | 11721    | 0.287 | ng/ul  | 98       |
| 22) Chrysene                | 21.552 | 228  | 13247    | 0.312 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.213 | 252  | 12302    | 0.281 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.259 | 252  | 12716    | 0.289 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 23.850 | 252  | 11429    | 0.301 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.517 | 276  | 15146    | 0.365 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.527 | 278  | 11534    | 0.367 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.305 | 276  | 13591    | 0.368 | ng/ul  | 98       |

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

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