

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071624\  
 Data File : BN032778.D  
 Acq On : 17 Jul 2024 14:13  
 Operator : MA/JU  
 Sample : PB162044BS  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS044

Quant Time: Jul 17 15:00:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 17 02:35:25 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.548  | 152  | 3609     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.321 | 136  | 13383    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.197 | 164  | 7356     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.965 | 188  | 13643    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.182 | 240  | 12502    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.386 | 264  | 12819    | 0.400 | ng/ul  | 0.01     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.097  | 96   | 3046     | 0.703 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.922 | 152  | 6128     | 0.303 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.003 | 212  | 11870    | 0.291 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.131  | 88   | 8457     | 1.713 | ng/ul# | 88       |
| 5) Naphthalene              | 10.371 | 128  | 11216    | 0.312 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.999 | 142  | 6895     | 0.307 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.219 | 142  | 7077     | 0.305 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.920 | 152  | 10098    | 0.340 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.262 | 153  | 7499     | 0.305 | ng/ul  | 99       |
| 12) Fluorene                | 15.262 | 166  | 7616     | 0.271 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.640 | 266  | 1694     | 0.708 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.003 | 178  | 10904    | 0.293 | ng/ul  | 98       |
| 16) Anthracene              | 17.100 | 178  | 10214    | 0.336 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.036 | 202  | 14419    | 0.284 | ng/ul  | 99       |
| 20) Pyrene                  | 19.403 | 202  | 15409    | 0.293 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.168 | 228  | 14739    | 0.370 | ng/ul  | 95       |
| 22) Chrysene                | 21.220 | 228  | 16898    | 0.294 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 22.725 | 252  | 13499    | 0.298 | ng/ul  | 78       |
| 25) Benzo(k)fluoranthene    | 22.769 | 252  | 15211    | 0.276 | ng/ul# | 77       |
| 26) Benzo(a)pyrene          | 23.289 | 252  | 12659    | 0.323 | ng/ul# | 79       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.606 | 276  | 17036    | 0.321 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.609 | 278  | 13350    | 0.325 | ng/ul# | 79       |
| 29) Benzo(g,h,i)perylene    | 26.287 | 276  | 13714    | 0.310 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

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

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