

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN026990.D  
 Acq On : 21 Aug 2023 13:25  
 Operator : MA/JU  
 Sample : 03965-03MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4832MSD

Quant Time: Aug 22 01:38:20 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 18 13:11:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.101  | 152  | 6409     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.927 | 136  | 20002    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.726 | 164  | 12154    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.473 | 188  | 27679    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.644 | 240  | 22877    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.188 | 264  | 22043    | 0.400 | ng/u1  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 2753     | 0.362 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.500 | 152  | 7278     | 0.247 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.488 | 212  | 18618    | 0.258 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.477  | 88   | 6626     | 0.853 | ng/u1  | 97       |
| 5) Naphthalene              | 10.982 | 128  | 12780    | 0.226 | ng/u1  | 99       |
| 7) 2-Methylnaphthalene      | 12.572 | 142  | 8005     | 0.234 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.792 | 142  | 8637     | 0.241 | ng/u1  | 99       |
| 10) Acenaphthylene          | 14.458 | 152  | 12111    | 0.178 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.791 | 153  | 9587     | 0.203 | ng/u1  | 98       |
| 12) Fluorene                | 15.772 | 166  | 10932    | 0.205 | ng/u1  | 100      |
| 15) Phenanthrene            | 17.515 | 178  | 47164    | 0.519 | ng/u1  | 100      |
| 16) Anthracene              | 17.608 | 178  | 17894    | 0.218 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.520 | 202  | 103435   | 1.088 | ng/u1  | 98       |
| 20) Pyrene                  | 19.883 | 202  | 93826    | 0.925 | ng/u1  | 100      |
| 21) Benzo(a)anthracene      | 21.627 | 228  | 51948    | 0.571 | ng/u1  | 100      |
| 22) Chrysene                | 21.682 | 228  | 54748    | 0.610 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.398 | 252  | 73174    | 0.878 | ng/u1  | 98       |
| 25) Benzo(k)fluoranthene    | 23.448 | 252  | 35282    | 0.429 | ng/u1# | 95       |
| 26) Benzo(a)pyrene          | 24.074 | 252  | 42633    | 0.567 | ng/u1  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.874 | 276  | 38669    | 0.393 | ng/u1# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.898 | 278  | 17580    | 0.224 | ng/u1  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.709 | 276  | 31310    | 0.382 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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