

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN123022\  
 Data File : BN023529.D  
 Acq On : 30 Dec 2022 12:10  
 Operator : CG/JU  
 Sample : N5388-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-QT4-2022-07

Quant Time: Dec 30 21:57:20 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 30 21:52:41 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023  
 Supervised By :Yogesh Patel 01/03/2023

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.977  | 152  | 4507     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.793 | 136  | 13066    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.622 | 164  | 6695     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.373 | 188  | 13384    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.557 | 240  | 6968     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.995 | 264  | 5038     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.332  | 96   | 3146     | 0.642 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.377 | 152  | 7352     | 0.364 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.402 | 212  | 13349    | 0.530 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.370  | 88   | 524m     | 0.105 | ng/ul  |          |
| 5) Naphthalene              | 10.843 | 128  | 2643     | 0.069 | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 12.454 | 142  | 1602     | 0.065 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.674 | 142  | 1601     | 0.063 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.345 | 152  | 1985     | 0.067 | ng/ul# | 93       |
| 11) Acenaphthene            | 14.687 | 153  | 1807     | 0.072 | ng/ul  | 99       |
| 12) Fluorene                | 15.672 | 166  | 1887     | 0.067 | ng/ul# | 97       |
| 14) Pentachlorophenol       | 17.023 | 266  | 197      | 0.053 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.411 | 178  | 2981     | 0.068 | ng/ul  | 93       |
| 16) Anthracene              | 17.504 | 178  | 2209     | 0.061 | ng/ul# | 89       |
| 19) Fluoranthene            | 19.430 | 202  | 3061     | 0.091 | ng/ul# | 94       |
| 20) Pyrene                  | 19.792 | 202  | 3035     | 0.089 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.543 | 228  | 1765     | 0.065 | ng/ul  | 95       |
| 22) Chrysene                | 21.595 | 228  | 2017     | 0.073 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.250 | 252  | 1778     | 0.068 | ng/ul# | 38       |
| 25) Benzo(k)fluoranthene    | 23.302 | 252  | 1534     | 0.063 | ng/ul# | 37       |
| 26) Benzo(a)pyrene          | 23.887 | 252  | 1415     | 0.069 | ng/ul# | 4        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.543 | 276  | 1601     | 0.066 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.560 | 278  | 1108     | 0.059 | ng/ul# | 41       |
| 29) Benzo(g,h,i)perylene    | 27.322 | 276  | 1577     | 0.080 | ng/ul# | 75       |
| -----                       |        |      |          |       |        |          |

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

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