

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010923\  
 Data File : BN023592.D  
 Acq On : 09 Jan 2023 12:36  
 Operator : CG/JU  
 Sample : N4239-01  
 Misc : SFAM-SIM-MDL-W-01-0.07NG  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-QT3-2022-05

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :mohammad ahmed 01/12/2023

Quant Time: Jan 09 13:07:04 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN010323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 04 00:28:51 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.948  | 152  | 4681     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.766 | 136  | 14063    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.599 | 164  | 7812     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.348 | 188  | 16895    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.537 | 240  | 13454    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.960 | 264  | 10329    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.302  | 96   | 2533     | 0.489 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.355 | 152  | 6626     | 0.307 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.378 | 212  | 14219    | 0.361 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.340  | 88   | 394m     | 0.072 | ng/ul  |          |
| 5) Naphthalene              | 10.815 | 128  | 2357     | 0.058 | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.427 | 142  | 1448     | 0.056 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.647 | 142  | 1427     | 0.054 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.321 | 152  | 1718     | 0.054 | ng/ul# | 92       |
| 11) Acenaphthene            | 14.664 | 153  | 1613     | 0.057 | ng/ul  | 97       |
| 12) Fluorene                | 15.649 | 166  | 1788     | 0.055 | ng/ul# | 95       |
| 14) Pentachlorophenol       | 16.998 | 266  | 398      | 0.073 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.390 | 178  | 3108     | 0.059 | ng/ul# | 93       |
| 16) Anthracene              | 17.483 | 178  | 2268     | 0.050 | ng/ul# | 90       |
| 19) Fluoranthene            | 19.406 | 202  | 3474     | 0.068 | ng/ul# | 94       |
| 20) Pyrene                  | 19.769 | 202  | 3472     | 0.065 | ng/ul# | 91       |
| 21) Benzo(a)anthracene      | 21.522 | 228  | 2676     | 0.054 | ng/ul  | 98       |
| 22) Chrysene                | 21.575 | 228  | 3171     | 0.063 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.221 | 252  | 2977     | 0.062 | ng/ul# | 63       |
| 25) Benzo(k)fluoranthene    | 23.267 | 252  | 2797     | 0.062 | ng/ul# | 63       |
| 26) Benzo(a)pyrene          | 23.855 | 252  | 2214     | 0.056 | ng/ul# | 42       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.486 | 276  | 2900     | 0.059 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.513 | 278  | 2306     | 0.059 | ng/ul# | 68       |
| 29) Benzo(g,h,i)perylene    | 27.265 | 276  | 2526     | 0.064 | ng/ul# | 87       |

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

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