

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051724\  
 Data File : BN031550.D  
 Acq On : 16 May 2024 15:03  
 Operator : MA/JU  
 Sample : P2321-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E0Y32MS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024  
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 15:29:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN051624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 12:57:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.696  | 152  | 14459    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.481 | 136  | 48552    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.332 | 164  | 27181    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.075 | 188  | 61467    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.261 | 240  | 46213    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.497 | 264  | 37528    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.207  | 96   | 6221     | 0.357 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.070 | 152  | 16052    | 0.233 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.110 | 212  | 38736    | 0.302 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.240  | 88   | 16827    | 0.927 | ng/ul  | 93       |
| 5) Naphthalene              | 10.530 | 128  | 296082   | 2.280 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.147 | 142  | 32071    | 0.391 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.367 | 142  | 58155    | 0.671 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.054 | 152  | 62722    | 0.508 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.397 | 153  | 118732   | 1.264 | ng/ul  | 98       |
| 12) Fluorene                | 15.382 | 166  | 124480   | 1.194 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.720 | 266  | 3054     | 0.319 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.117 | 178  | 488751   | 2.717 | ng/ul  | 100      |
| 16) Anthracene              | 17.210 | 178  | 116241   | 0.765 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.138 | 202  | 748841   | 4.358 | ng/ul  | 99       |
| 20) Pyrene                  | 19.501 | 202  | 644175   | 3.787 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.247 | 228  | 307626   | 1.923 | ng/ul  | 94       |
| 22) Chrysene                | 21.299 | 228  | 289587   | 1.677 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.825 | 252  | 348692m  | 2.524 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.868 | 252  | 165795m  | 1.108 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.398 | 252  | 229506   | 1.896 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.760 | 276  | 162485   | 1.155 | ng/ul  | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.770 | 278  | 52000    | 0.466 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.451 | 276  | 150448   | 1.330 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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