

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
 Data File : BN029585.D  
 Acq On : 08 Feb 2024 19:35  
 Operator : MA/JU  
 Sample : P1303-09DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FJ1DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024  
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 08 23:59:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 07 02:17:13 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.888  | 152  | 5301     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.683 | 136  | 14380    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.530 | 164  | 6388     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.276 | 188  | 12127    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.476 | 240  | 9362     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.849 | 264  | 9654     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.336  | 96   | 6853     | 1.037 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.278 | 152  | 1115     | 0.061 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.309 | 212  | 1876     | 0.061 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 11) Acenaphthene            | 14.590 | 153  | 509      | 0.021 | ng/ul  | 95       |
| 12) Fluorene                | 15.580 | 166  | 571      | 0.023 | ng/ul# | 94       |
| 15) Phenanthrene            | 17.318 | 178  | 17664    | 0.466 | ng/ul  | 100      |
| 16) Anthracene              | 17.411 | 178  | 3898     | 0.122 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.341 | 202  | 39440    | 0.917 | ng/ul  | 99       |
| 20) Pyrene                  | 19.704 | 202  | 34650    | 0.786 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.461 | 228  | 16223    | 0.481 | ng/ul  | 99       |
| 22) Chrysene                | 21.514 | 228  | 15823    | 0.428 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.130 | 252  | 20200m   | 0.556 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.174 | 252  | 9645m    | 0.239 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.741 | 252  | 12563    | 0.368 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.299 | 276  | 9029     | 0.218 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.322 | 278  | 2078     | 0.064 | ng/ul# | 64       |
| 29) Benzo(g,h,i)perylene    | 27.046 | 276  | 8527     | 0.227 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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