

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121024\  
 Data File : BN035534.D  
 Acq On : 10 Dec 2024 16:42  
 Operator : RC/JU  
 Sample : P5066-09  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E28M8

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024  
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 10 17:13:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN111624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 10 16:10:57 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|--------|-----------|
| -----                       |        |      |          |       |        |           |
| Internal Standards          |        |      |          |       |        |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.293  | 152  | 2772     | 0.400 | ng/ul  | 0.00      |
| 4) Naphthalene-d8           | 10.036 | 136  | 7301     | 0.400 | ng/ul  | 0.00      |
| 9) Acenaphthene-d10         | 13.949 | 164  | 4443     | 0.400 | ng/ul  | 0.00      |
| 13) Phenanthrene-d10        | 16.717 | 188  | 9443m    | 0.400 | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 20.964 | 240  | 7252     | 0.400 | ng/ul  | # 0.00    |
| 23) Perylene-d12            | 23.048 | 264  | 6807m    | 0.400 | ng/ul  | 0.00      |
|                             |        |      |          |       |        |           |
| System Monitoring Compounds |        |      |          |       |        |           |
| 3) 1,4-Dioxane-d8           | 2.963  | 96   | 9973     | 3.936 | ng/ul  | 0.00      |
| 6) 2-Methylnaphthalene-d10  | 11.642 | 152  | 2025     | 0.189 | ng/ul  | 0.00      |
| 18) Fluoranthene-d10        | 18.768 | 212  | 4553     | 0.228 | ng/ul  | 0.00      |
|                             |        |      |          |       |        |           |
| Target Compounds            |        |      |          |       |        |           |
| 19) Fluoranthene            | 18.800 | 202  | 993      | 0.039 | ng/ul# | Qvalue 74 |
| 20) Pyrene                  | 19.163 | 202  | 1183     | 0.045 | ng/ul# | 65        |
| 22) Chrysene                | 20.999 | 228  | 722      | 0.029 | ng/ul# | 79        |
| 24) Benzo(b)fluoranthene    | 22.443 | 252  | 953m     | 0.042 | ng/ul  |           |
| 25) Benzo(k)fluoranthene    | 22.481 | 252  | 526m     | 0.023 | ng/ul  |           |
| 29) Benzo(g,h,i)perylene    | 25.698 | 276  | 447      | 0.020 | ng/ul# | 31        |
| -----                       |        |      |          |       |        |           |

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

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