

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092623\  
 Data File : BN027882.D  
 Acq On : 27 Sep 2023 04:09  
 Operator : MA/JU  
 Sample : 04472-08  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYE8

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023  
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 04:37:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 27 03:52:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.962  | 152  | 6334     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.779 | 136  | 23534    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.606 | 164  | 14800    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.354 | 188  | 34521    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.536 | 240  | 36268    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.009 | 264  | 41684    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.330  | 96   | 8306     | 1.041 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.363 | 152  | 2433     | 0.068 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.380 | 212  | 6962     | 0.063 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.834 | 128  | 7717     | 0.115 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.434 | 142  | 6491     | 0.152 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.654 | 142  | 4466     | 0.101 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.333 | 152  | 7165     | 0.111 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.666 | 153  | 1852     | 0.033 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.396 | 178  | 37042    | 0.341 | ng/ul  | 99       |
| 16) Anthracene              | 17.489 | 178  | 7838     | 0.086 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.408 | 202  | 76883    | 0.524 | ng/ul  | 98       |
| 20) Pyrene                  | 19.775 | 202  | 72460m   | 0.480 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.518 | 228  | 52709    | 0.376 | ng/ul  | 97       |
| 22) Chrysene                | 21.574 | 228  | 68555    | 0.473 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.243 | 252  | 126074m  | 0.679 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.290 | 252  | 42560m   | 0.236 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.898 | 252  | 75807    | 0.507 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.599 | 276  | 75298    | 0.393 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.616 | 278  | 18808    | 0.122 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 27.417 | 276  | 82761    | 0.509 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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