

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071423\  
 Data File : BN026511.D  
 Acq On : 14 Jul 2023 21:58  
 Operator : MA/JU  
 Sample : 03414-20MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4634MS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023  
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:56:25 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN071223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 15 01:53:23 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.951  | 152  | 2858     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.759 | 136  | 9187     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.584 | 164  | 6016     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.330 | 188  | 20584    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.514 | 240  | 11853    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.932 | 264  | 11418    | 0.400 | ng/ul  | #-0.01   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.301  | 96   | 1978     | 0.525 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.348 | 152  | 4732     | 0.379 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.354 | 212  | 14167    | 0.345 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.335  | 88   | 4520     | 1.269 | ng/ul  | 92       |
| 5) Naphthalene              | 10.809 | 128  | 8665     | 0.343 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.420 | 142  | 5473     | 0.382 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.634 | 142  | 6422     | 0.419 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.306 | 152  | 11176    | 0.379 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.649 | 153  | 9521     | 0.424 | ng/ul  | 99       |
| 12) Fluorene                | 15.634 | 166  | 12257    | 0.521 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.988 | 266  | 2293     | 0.442 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.372 | 178  | 70314    | 1.073 | ng/ul  | 98       |
| 16) Anthracene              | 17.465 | 178  | 24322    | 0.428 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.387 | 202  | 128383   | 2.311 | ng/ul  | 97       |
| 20) Pyrene                  | 19.749 | 202  | 121631   | 2.016 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.497 | 228  | 61864    | 1.420 | ng/ul  | 97       |
| 22) Chrysene                | 21.549 | 228  | 65779    | 1.327 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.192 | 252  | 71254    | 1.602 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.236 | 252  | 30699m   | 0.658 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.823 | 252  | 48991    | 1.237 | ng/ul# | 80       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.447 | 276  | 38805    | 0.748 | ng/ul# | 81       |
| 28) Dibenzo(a,h)anthracene  | 26.460 | 278  | 17172    | 0.431 | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.225 | 276  | 37269    | 0.813 | ng/ul# | 90       |
| -----                       |        |      |          |       |        |          |

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

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