

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072223\  
 Data File : BN026658.D  
 Acq On : 22 Jul 2023 17:19  
 Operator : MA/JU  
 Sample : 03472-22RE  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A46R3

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023  
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 23:12:25 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 : Fri Jul 21 19:02:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.828  | 152  | 2815     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.625 | 136  | 9354     | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.467 | 164  | 5822     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.219 | 188  | 23492    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.413 | 240  | 7971     | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.787 | 264  | 8381     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.199  | 96   | 10390    | 2.802 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.225 | 152  | 6219     | 0.489 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.245 | 212  | 14997    | 0.543 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.680 | 128  | 1721     | 0.067 | ng/ul# | 83       |
| 7) 2-Methylnaphthalene      | 12.302 | 142  | 606      | 0.042 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.517 | 142  | 1528     | 0.098 | ng/ul  | 87       |
| 10) Acenaphthylene          | 14.190 | 152  | 3501     | 0.123 | ng/ul# | 85       |
| 12) Fluorene                | 15.517 | 166  | 4275     | 0.188 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.257 | 178  | 51734    | 0.691 | ng/ul  | 98       |
| 16) Anthracene              | 17.346 | 178  | 7694     | 0.119 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.278 | 202  | 94402    | 2.527 | ng/ul  | 99       |
| 20) Pyrene                  | 19.640 | 202  | 90687    | 2.235 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.396 | 228  | 34261    | 1.170 | ng/ul  | 98       |
| 22) Chrysene                | 21.451 | 228  | 41269    | 1.238 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.065 | 252  | 49578m   | 1.518 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.108 | 252  | 17700m   | 0.517 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.679 | 252  | 30939    | 1.065 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.240 | 276  | 22779    | 0.598 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.243 | 278  | 5375     | 0.184 | ng/ul# | 78       |
| 29) Benzo(g,h,i)perylene    | 26.995 | 276  | 24295    | 0.722 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072223\  
Data File : BN026658.D  
Acq On : 22 Jul 2023 17:19  
Operator : MA/JU  
Sample : 03472-22RE  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A46R3

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/24/2023  
Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 23:12:25 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 : Fri Jul 21 19:02:16 2023  
Response via : Initial Calibration

