

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072323\  
 Data File : BN026682.D  
 Acq On : 23 Jul 2023 18:21  
 Operator : MA/JU  
 Sample : 03472-21DL 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A46R2DL

Manual Integrations  
 APPROVED

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

Quant Time: Jul 24 00:42:29 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 : Mon Jul 24 00:39:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.828  | 152  | 3555     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.625 | 136  | 11365    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.467 | 164  | 7084     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.215 | 188  | 13861    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.416 | 240  | 9397     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.787 | 264  | 11374    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.203  | 96   | 957      | 0.204 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.231 | 152  | 625      | 0.040 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.250 | 212  | 1381     | 0.042 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.674 | 128  | 1339     | 0.043 | ng/ul# | 82       |
| 15) Phenanthrene            | 17.257 | 178  | 6224     | 0.141 | ng/ul  | 98       |
| 16) Anthracene              | 17.350 | 178  | 1192     | 0.031 | ng/ul# | 80       |
| 19) Fluoranthene            | 19.278 | 202  | 14672    | 0.333 | ng/ul# | 97       |
| 20) Pyrene                  | 19.641 | 202  | 3559     | 0.074 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.399 | 228  | 5862     | 0.170 | ng/ul# | 92       |
| 22) Chrysene                | 21.454 | 228  | 5602     | 0.143 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 23.071 | 252  | 7956m    | 0.180 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.112 | 252  | 3418m    | 0.074 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 26.251 | 276  | 1128     | 0.022 | ng/ul# | 47       |
| 28) Dibenzo(a,h)anthracene  | 26.254 | 278  | 1127     | 0.028 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

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