

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025931.D  
 Acq On : 22 Jun 2023 11:23  
 Operator : MA/JU  
 Sample : 03083-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023  
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:02:16 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 22 01:27:41 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.980  | 152  | 8724     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.791 | 136  | 27391    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.616 | 164  | 16991    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.363 | 188  | 32791    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.546 | 240  | 17256    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.013 | 264  | 15276    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96   | 36928    | 3.759 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.380 | 152  | 10912    | 0.259 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.386 | 212  | 19128    | 0.291 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.840 | 128  | 60918    | 0.776 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.452 | 142  | 48868    | 0.978 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.666 | 142  | 44338    | 0.856 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.338 | 152  | 91748    | 1.153 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.681 | 153  | 8651     | 0.133 | ng/ul  | 96       |
| 12) Fluorene                | 15.662 | 166  | 10865    | 0.146 | ng/ul# | 88       |
| 15) Phenanthrene            | 17.401 | 178  | 375026   | 3.462 | ng/ul  | 99       |
| 16) Anthracene              | 17.494 | 178  | 46717    | 0.485 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.418 | 202  | 833678   | 9.045 | ng/ul  | 98       |
| 20) Pyrene                  | 19.781 | 202  | 670057   | 6.990 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.528 | 228  | 302216   | 4.245 | ng/ul  | 97       |
| 22) Chrysene                | 21.584 | 228  | 369120   | 4.983 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.255 | 252  | 500528m  | 7.677 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.299 | 252  | 169777m  | 2.593 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.907 | 252  | 281293   | 4.967 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.587 | 276  | 226358   | 3.660 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.594 | 278  | 54201    | 1.158 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.385 | 276  | 217816   | 3.959 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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