

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050523\  
 Data File : BN025275.D  
 Acq On : 05 May 2023 11:55  
 Operator : CG/JU  
 Sample : 02447-08DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW913DL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023  
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 04:06:26 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 05 11:29:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.908  | 152  | 9294     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.719 | 136  | 30097    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.555 | 164  | 17765    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.308 | 188  | 38331    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.507 | 240  | 22148    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.933 | 264  | 26422    | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.288  | 96   | 2884     | 0.300  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.308 | 152  | 993      | 0.026  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.339 | 212  | 2113     | 0.036  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.768 | 128  | 49766    | 0.645  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.380 | 142  | 32800    | 0.694  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.600 | 142  | 34805    | 0.691  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.278 | 152  | 99145    | 1.498  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.620 | 153  | 173491   | 3.110  | ng/ul  | 97       |
| 12) Fluorene                | 15.606 | 166  | 218192   | 3.499  | ng/ul  | 100      |
| 15) Phenanthrene            | 17.350 | 178  | 4125531  | 38.131 | ng/ul  | 100      |
| 16) Anthracene              | 17.439 | 178  | 1105983  | 12.495 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.376 | 202  | 7126461  | 88.979 | ng/ul  | 98       |
| 20) Pyrene                  | 19.739 | 202  | 6347639  | 77.138 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.490 | 228  | 2766441  | 41.451 | ng/ul  | 98       |
| 22) Chrysene                | 21.545 | 228  | 2670950  | 36.686 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.200 | 252  | 3004361m | 28.026 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.240 | 252  | 1126120m | 10.921 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.828 | 252  | 2221386  | 25.046 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.459 | 276  | 1514395  | 14.819 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.466 | 278  | 382342   | 4.790  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.240 | 276  | 1366947  | 15.731 | ng/ul  | 99       |
| -----                       |        |      |          |        |        |          |

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

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