

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070524\  
 Data File : BN032517.D  
 Acq On : 05 Jul 2024 20:42  
 Operator : MA/JU  
 Sample : P2963-08DL 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CQ9DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024  
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:28:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 03 03:26:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.595  | 152  | 5386     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.371 | 136  | 15131    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.239 | 164  | 8266     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.995 | 188  | 15894    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.203 | 240  | 15482    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.415 | 264  | 18554    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 4820     | 0.805 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.977 | 152  | 1073     | 0.047 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.036 | 212  | 2358     | 0.051 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.420 | 128  | 28354    | 0.708 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.048 | 142  | 6447     | 0.243 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.268 | 142  | 4123     | 0.150 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.962 | 152  | 14210    | 0.413 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.304 | 153  | 10383    | 0.389 | ng/ul  | 99       |
| 12) Fluorene                | 15.299 | 166  | 11448    | 0.360 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.037 | 178  | 216274   | 4.963 | ng/ul  | 99       |
| 16) Anthracene              | 17.130 | 178  | 40305    | 1.037 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.064 | 202  | 307097   | 5.209 | ng/ul  | 98       |
| 20) Pyrene                  | 19.431 | 202  | 234529   | 3.807 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.185 | 228  | 144715   | 2.590 | ng/ul  | 98       |
| 22) Chrysene                | 21.238 | 228  | 156712   | 2.555 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.754 | 252  | 205561m  | 2.550 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.792 | 252  | 66505m   | 0.849 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.319 | 252  | 85707    | 1.528 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.646 | 276  | 75967    | 0.865 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.646 | 278  | 25691    | 0.394 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 26.337 | 276  | 10897    | 0.156 | ng/ul# | 78       |
| -----                       |        |      |          |       |        |          |

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

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