

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070524\  
 Data File : BN032518.D  
 Acq On : 05 Jul 2024 21:19  
 Operator : MA/JU  
 Sample : P2963-02DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4B47DL

Manual Integrations  
 APPROVED

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

Quant Time: Jul 05 23:29:07 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  | 5851     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.370 | 136  | 16447    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.243 | 164  | 8667     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.998 | 188  | 16377    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.201 | 240  | 15346    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.417 | 264  | 18307    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 6028     | 0.927 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.975 | 152  | 1329     | 0.054 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.035 | 212  | 2574     | 0.056 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.419 | 128  | 20291    | 0.466 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.047 | 142  | 2020     | 0.070 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.267 | 142  | 1716     | 0.057 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.960 | 152  | 5016     | 0.139 | ng/ul# | 92       |
| 11) Acenaphthene            | 14.303 | 153  | 5390     | 0.193 | ng/ul  | 98       |
| 12) Fluorene                | 15.297 | 166  | 7107     | 0.213 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.040 | 178  | 112670   | 2.509 | ng/ul  | 99       |
| 16) Anthracene              | 17.133 | 178  | 22644    | 0.565 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.063 | 202  | 176677   | 3.023 | ng/ul  | 97       |
| 20) Pyrene                  | 19.430 | 202  | 128029   | 2.096 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.187 | 228  | 86156    | 1.555 | ng/ul  | 96       |
| 22) Chrysene                | 21.236 | 228  | 94007    | 1.546 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 22.753 | 252  | 104962m  | 1.320 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.791 | 252  | 39545m   | 0.512 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.320 | 252  | 43909    | 0.793 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.648 | 276  | 34144    | 0.394 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.652 | 278  | 13238    | 0.206 | ng/ul# | 63       |
| 29) Benzo(g,h,i)perylene    | 26.342 | 276  | 5417     | 0.078 | ng/ul# | 55       |

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

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