

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020824\  
 Data File : BN029596.D  
 Acq On : 09 Feb 2024 02:47  
 Operator : MA/JU  
 Sample : P1303-20  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0FJ7

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2024  
 Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 09 03:43:23 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 07 02:17:13 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.889  | 152  | 5683     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.683 | 136  | 15577    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.525 | 164  | 7089     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.276 | 188  | 13295    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.473 | 240  | 10037    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.840 | 264  | 12439    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.332  | 96   | 51048    | 7.204 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.278 | 152  | 9290     | 0.469 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.309 | 212  | 16140    | 0.489 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.733 | 128  | 1286     | 0.029 | ng/ul# | 80       |
| 7) 2-Methylnaphthalene      | 12.350 | 142  | 666      | 0.026 | ng/ul  | 94       |
| 10) Acenaphthylene          | 14.247 | 152  | 936      | 0.027 | ng/ul# | 65       |
| 11) Acenaphthene            | 14.590 | 153  | 925      | 0.035 | ng/ul  | 94       |
| 12) Fluorene                | 15.580 | 166  | 1060     | 0.039 | ng/ul# | 96       |
| 14) Pentachlorophenol       | 16.922 | 266  | 195      | 0.066 | ng/ul# | 52       |
| 15) Phenanthrene            | 17.318 | 178  | 21771    | 0.524 | ng/ul  | 100      |
| 16) Anthracene              | 17.411 | 178  | 5613     | 0.161 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.337 | 202  | 60847    | 1.320 | ng/ul  | 99       |
| 20) Pyrene                  | 19.704 | 202  | 53097m   | 1.124 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.455 | 228  | 25795    | 0.713 | ng/ul  | 99       |
| 22) Chrysene                | 21.508 | 228  | 27225    | 0.687 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.124 | 252  | 33620m   | 0.718 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.168 | 252  | 15178m   | 0.292 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.741 | 252  | 23755    | 0.540 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.289 | 276  | 16779    | 0.314 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.315 | 278  | 3824     | 0.091 | ng/ul# | 69       |
| 29) Benzo(g,h,i)perylene    | 27.040 | 276  | 14065    | 0.290 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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