

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
 Data File : BN032411.D  
 Acq On : 02 Jul 2024 21:24  
 Operator : MA/JU  
 Sample : P2871-05DL 5X  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4C53DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024  
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:56:33 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 : Thu Jun 27 13:23:38 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.603  | 152  | 8056     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.382 | 136  | 26298    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.253 | 164  | 15308    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.008 | 188  | 27701    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.211 | 240  | 18098    | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.427 | 264  | 22138    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.148  | 96   | 6605     | 0.738 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.982 | 152  | 2343     | 0.059 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 4108     | 0.075 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.971 | 152  | 2931     | 0.046 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.050 | 178  | 16663    | 0.219 | ng/ul  | 99       |
| 16) Anthracene              | 17.138 | 178  | 4164     | 0.061 | ng/ul# | 89       |
| 19) Fluoranthene            | 19.073 | 202  | 34134    | 0.495 | ng/ul  | 96       |
| 20) Pyrene                  | 19.440 | 202  | 32093    | 0.446 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.194 | 228  | 17200    | 0.263 | ng/ul# | 92       |
| 22) Chrysene                | 21.247 | 228  | 15225    | 0.212 | ng/ul# | 92       |
| 24) Benzo(b)fluoranthene    | 22.763 | 252  | 23053m   | 0.240 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.798 | 252  | 8992m    | 0.096 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.327 | 252  | 16096    | 0.241 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.663 | 276  | 11862    | 0.113 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.663 | 278  | 2950     | 0.038 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.350 | 276  | 11989    | 0.144 | ng/ul# | 81       |
| -----                       |        |      |          |       |        |          |

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

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