

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121824\  
 Data File : BN035687.D  
 Acq On : 19 Dec 2024 01:54  
 Operator : RC/JU  
 Sample : P5258-11  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E28X5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 03:10:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN121624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 16 16:26:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.280  | 152  | 2786     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.020 | 136  | 7775     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 13.939 | 164  | 5569     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.709 | 188  | 12033    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 20.955 | 240  | 10629    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.042 | 264  | 12502    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.951  | 96   | 10376    | 4.201 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.626 | 152  | 2398     | 0.217 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.763 | 212  | 4211     | 0.136 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.069 | 128  | 1975m    | 0.104 | ng/ul  |          |
| 7) 2-Methylnaphthalene      | 11.703 | 142  | 822      | 0.064 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 11.928 | 142  | 666      | 0.050 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.652 | 152  | 934      | 0.043 | ng/ul# | 79       |
| 11) Acenaphthene            | 14.004 | 153  | 4311     | 0.264 | ng/ul  | 99       |
| 12) Fluorene                | 15.008 | 166  | 2920     | 0.154 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.751 | 178  | 61901    | 2.055 | ng/ul  | 98       |
| 16) Anthracene              | 16.839 | 178  | 13934    | 0.495 | ng/ul  | 100      |
| 19) Fluoranthene            | 18.791 | 202  | 138586   | 3.646 | ng/ul  | 100      |
| 20) Pyrene                  | 19.162 | 202  | 122941   | 2.936 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 20.941 | 228  | 60135    | 1.706 | ng/ul  | 99       |
| 22) Chrysene                | 20.993 | 228  | 60414    | 1.652 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.431 | 252  | 83719m   | 2.272 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.469 | 252  | 29340m   | 0.720 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 22.951 | 252  | 60779    | 1.703 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.067 | 276  | 45131    | 1.039 | ng/ul# | 69       |
| 28) Dibenzo(a,h)anthracene  | 25.077 | 278  | 8918m    | 0.269 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 25.681 | 276  | 46166    | 1.324 | ng/ul# | 92       |
| -----                       |        |      |          |       |        |          |

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

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