

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121824\  
 Data File : BN035673.D  
 Acq On : 18 Dec 2024 16:55  
 Operator : RC/JU  
 Sample : P5155-20DL 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E28W3DL

Manual Integrations  
 APPROVED

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

Quant Time: Dec 19 00:46:26 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  | 2627     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.025 | 136  | 7534     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 13.944 | 164  | 5151     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.713 | 188  | 10633    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 20.958 | 240  | 9041     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.048 | 264  | 10411    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.955  | 96   | 1824     | 0.783 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.631 | 152  | 485      | 0.045 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.767 | 212  | 947      | 0.036 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.075 | 128  | 1596m    | 0.086 | ng/ul  |          |
| 7) 2-Methylnaphthalene      | 11.708 | 142  | 517      | 0.042 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 11.934 | 142  | 296      | 0.023 | ng/ul  | 92       |
| 10) Acenaphthylene          | 13.657 | 152  | 419      | 0.021 | ng/ul# | 58       |
| 15) Phenanthrene            | 16.755 | 178  | 3732     | 0.140 | ng/ul  | 96       |
| 16) Anthracene              | 16.848 | 178  | 732      | 0.029 | ng/ul# | 72       |
| 19) Fluoranthene            | 18.795 | 202  | 7062     | 0.218 | ng/ul  | 96       |
| 20) Pyrene                  | 19.162 | 202  | 7574     | 0.213 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 20.944 | 228  | 4585     | 0.153 | ng/ul# | 92       |
| 22) Chrysene                | 20.996 | 228  | 6062     | 0.195 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 22.437 | 252  | 10171m   | 0.332 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.475 | 252  | 3293m    | 0.097 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 22.954 | 252  | 7454     | 0.251 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.077 | 276  | 5886m    | 0.163 | ng/ul  |          |
| 28) Dibenzo(a,h)anthracene  | 25.087 | 278  | 1231m    | 0.045 | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 25.691 | 276  | 6802     | 0.234 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

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

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