

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
 Data File : BN032665.D  
 Acq On : 12 Jul 2024 10:09  
 Operator : MA/JU  
 Sample : P3087-22  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CY9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024  
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 12:29:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 01:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.548  | 152  | 5460     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.321 | 136  | 17834    | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.202 | 164  | 10209    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.961 | 188  | 18207m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.176 | 240  | 12964m   | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.371 | 264  | 13488m   | 0.400 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.101  | 96   | 16838    | 2.568 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.933 | 152  | 4463     | 0.166 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.999 | 212  | 7219     | 0.171 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.371 | 128  | 982      | 0.021 | ng/ul# | 74       |
| 10) Acenaphthylene          | 13.920 | 152  | 1447     | 0.035 | ng/ul# | 80       |
| 11) Acenaphthene            | 14.262 | 153  | 1001     | 0.029 | ng/ul  | 97       |
| 12) Fluorene                | 15.262 | 166  | 1179     | 0.030 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.999 | 178  | 20153m   | 0.406 | ng/ul  |          |
| 16) Anthracene              | 17.092 | 178  | 4299m    | 0.106 | ng/ul  |          |
| 19) Fluoranthene            | 19.031 | 202  | 38664    | 0.734 | ng/ul  | 98       |
| 20) Pyrene                  | 19.394 | 202  | 35869    | 0.657 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.162 | 228  | 17867    | 0.433 | ng/ul  | 96       |
| 22) Chrysene                | 21.214 | 228  | 16380    | 0.274 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.713 | 252  | 25369m   | 0.533 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.751 | 252  | 9213m    | 0.159 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.272 | 252  | 18179    | 0.441 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.586 | 276  | 13805    | 0.248 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.586 | 278  | 3018     | 0.070 | ng/ul# | 36       |
| 29) Benzo(g,h,i)perylene    | 26.256 | 276  | 13811    | 0.296 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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