

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103122\  
 Data File : BN022398.D  
 Acq On : 31 Oct 2022 11:49  
 Operator : CG/JU  
 Sample : N5144-03DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BK9DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022  
 Supervised By :mohammad ahmed 11/01/2022

Quant Time: Nov 01 01:11:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 01 01:09:32 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 4236     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.755 | 136  | 13694    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.603 | 164  | 7487     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.356 | 188  | 14697    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.559 | 240  | 9492     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.009 | 264  | 6814     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.240  | 96   | 4369     | 0.794 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.355 | 152  | 941      | 0.045 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.392 | 212  | 1640     | 0.051 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.804 | 128  | 6471     | 0.160 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.426 | 142  | 4827     | 0.189 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.646 | 142  | 3866     | 0.147 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.321 | 152  | 1236     | 0.037 | ng/ul# | 80       |
| 12) Fluorene                | 15.654 | 166  | 824      | 0.025 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.398 | 178  | 16986    | 0.344 | ng/ul  | 100      |
| 16) Anthracene              | 17.491 | 178  | 2860     | 0.069 | ng/ul# | 94       |
| 19) Fluoranthene            | 19.425 | 202  | 26308    | 0.605 | ng/ul  | 98       |
| 20) Pyrene                  | 19.787 | 202  | 22466m   | 0.514 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.542 | 228  | 9845     | 0.277 | ng/ul  | 97       |
| 22) Chrysene                | 21.597 | 228  | 11014    | 0.292 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.260 | 252  | 11801m   | 0.345 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.301 | 252  | 4413m    | 0.133 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.898 | 252  | 7028     | 0.258 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.572 | 276  | 4619     | 0.136 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.592 | 278  | 1265     | 0.047 | ng/ul# | 47       |
| 29) Benzo(g,h,i)perylene    | 27.370 | 276  | 3653     | 0.132 | ng/ul  | 92       |
| -----                       |        |      |          |       |        |          |

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

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