

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
 Data File : BN032712.D  
 Acq On : 13 Jul 2024 16:20  
 Operator : MA/JU  
 Sample : P3087-12DL 5X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4BC6DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024  
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:57:57 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  | 6562     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.320 | 136  | 18650    | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.196 | 164  | 9470     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.955 | 188  | 17920    | 0.400 | ng/ul  | -0.04    |
| 17) Chrysene-d12            | 21.175 | 240  | 16876    | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.370 | 264  | 20737    | 0.400 | ng/ul  | #-0.03   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.101  | 96   | 6352     | 0.806 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.931 | 152  | 1474     | 0.052 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.997 | 212  | 2973     | 0.054 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.369 | 128  | 2299     | 0.046 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.008 | 142  | 764      | 0.024 | ng/ul  | 96       |
| 10) Acenaphthylene          | 13.919 | 152  | 5275     | 0.138 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.261 | 153  | 2903     | 0.092 | ng/ul  | 99       |
| 12) Fluorene                | 15.260 | 166  | 3330     | 0.092 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.998 | 178  | 82769    | 1.696 | ng/ul  | 99       |
| 16) Anthracene              | 17.091 | 178  | 15132    | 0.380 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.030 | 202  | 211307   | 3.080 | ng/ul  | 97       |
| 20) Pyrene                  | 19.392 | 202  | 144416   | 2.033 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.157 | 228  | 90686    | 1.688 | ng/ul  | 99       |
| 22) Chrysene                | 21.207 | 228  | 111948   | 1.441 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.715 | 252  | 159979m  | 2.186 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.750 | 252  | 60321m   | 0.676 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.273 | 252  | 51307    | 0.810 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.578 | 276  | 53603    | 0.625 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.578 | 278  | 18611    | 0.280 | ng/ul# | 81       |
| 29) Benzo(g,h,i)perylene    | 26.262 | 276  | 7492     | 0.105 | ng/ul# | 69       |
| -----                       |        |      |          |       |        |          |

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

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