

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026273.D  
 Acq On : 04 Jul 2023 21:43  
 Operator : MA/JU  
 Sample : 03244-05DL 5X  
 Misc :  
 ALS Vial : 131 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE4DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:09:14 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.942  | 152  | 11070    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136  | 33937    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.589 | 164  | 18388    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.335 | 188  | 33117    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.524 | 240  | 20967    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.976 | 264  | 23027    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96   | 10993    | 0.882 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.348 | 152  | 2891     | 0.055 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.364 | 212  | 4685     | 0.059 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.803 | 128  | 68087    | 0.700 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.420 | 142  | 13064    | 0.211 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.634 | 142  | 6311     | 0.098 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.307 | 152  | 112051   | 1.301 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.650 | 153  | 13107    | 0.186 | ng/ul  | 99       |
| 12) Fluorene                | 15.635 | 166  | 23428    | 0.290 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.377 | 178  | 416828   | 3.811 | ng/ul  | 99       |
| 16) Anthracene              | 17.470 | 178  | 110091   | 1.132 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.397 | 202  | 1047225  | 9.351 | ng/ul  | 96       |
| 20) Pyrene                  | 19.759 | 202  | 794000   | 6.817 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.506 | 228  | 496355   | 5.739 | ng/ul  | 98       |
| 22) Chrysene                | 21.559 | 228  | 480327   | 5.337 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.228 | 252  | 742991m  | 7.560 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.269 | 252  | 232251m  | 2.353 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.865 | 252  | 471060   | 5.518 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.535 | 276  | 373449   | 4.005 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.538 | 278  | 88862    | 1.259 | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 27.330 | 276  | 347014   | 4.184 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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