

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
 Data File : BN026085.D  
 Acq On : 29 Jun 2023 09:01  
 Operator : MA/JU  
 Sample : 03142-03DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFS2DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023  
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 09:38:24 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 Jun 28 22:47:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.968  | 152  | 7281     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.780 | 136  | 24610    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.607 | 164  | 14921    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.355 | 188  | 30061    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.540 | 240  | 17286    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.992 | 264  | 16106    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.327  | 96   | 2378     | 0.290 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.369 | 152  | 984      | 0.026 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.377 | 212  | 2125     | 0.032 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.829 | 128  | 5046     | 0.072 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.446 | 142  | 3178     | 0.071 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.661 | 142  | 2237     | 0.048 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.329 | 152  | 5458     | 0.078 | ng/ul# | 94       |
| 11) Acenaphthene            | 14.667 | 153  | 2154     | 0.038 | ng/ul  | 97       |
| 12) Fluorene                | 15.657 | 166  | 1994     | 0.030 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.393 | 178  | 64159    | 0.646 | ng/ul  | 99       |
| 16) Anthracene              | 17.486 | 178  | 11696    | 0.133 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.409 | 202  | 170045   | 1.842 | ng/ul  | 97       |
| 20) Pyrene                  | 19.772 | 202  | 145775   | 1.518 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.525 | 228  | 59008    | 0.827 | ng/ul  | 98       |
| 22) Chrysene                | 21.578 | 228  | 71538    | 0.964 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.247 | 252  | 99079m   | 1.441 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.288 | 252  | 32971m   | 0.478 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.884 | 252  | 57135    | 0.957 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.550 | 276  | 45936    | 0.704 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.560 | 278  | 11002    | 0.223 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 27.345 | 276  | 44870    | 0.773 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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