

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
 Data File : BM044144.D  
 Acq On : 16 Feb 2024 18:48  
 Operator : MA/JU  
 Sample : P1305-05DL 5X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FP6DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024  
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:40:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.900  | 152  | 8126     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 27103    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.543 | 164  | 14242    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.296 | 188  | 28800    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.497 | 240  | 18191    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.888 | 264  | 18896    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.356  | 96   | 10968    | 0.953 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 2531     | 0.067 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.326 | 212  | 4658     | 0.086 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.748 | 128  | 3269     | 0.041 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.371 | 142  | 2832     | 0.057 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.585 | 142  | 1349     | 0.027 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.607 | 153  | 8840     | 0.156 | ng/ul  | 98       |
| 12) Fluorene                | 15.593 | 166  | 9218     | 0.144 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.942 | 266  | 324      | 0.031 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.339 | 178  | 256793   | 2.813 | ng/ul  | 99       |
| 16) Anthracene              | 17.427 | 178  | 35917    | 0.398 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.359 | 202  | 516714   | 6.231 | ng/ul  | 98       |
| 20) Pyrene                  | 19.721 | 202  | 434299   | 4.980 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.479 | 228  | 177905   | 2.136 | ng/ul  | 99       |
| 22) Chrysene                | 21.535 | 228  | 176788   | 1.968 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.163 | 252  | 186140   | 2.387 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.207 | 252  | 72834m   | 0.860 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.780 | 252  | 112402   | 1.551 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.363 | 276  | 57394    | 0.622 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.386 | 278  | 14620    | 0.201 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.121 | 276  | 52741    | 0.646 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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