

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037193.D  
 Acq On : 22 Oct 2022 07:12  
 Operator : CG/JU  
 Sample : N5064-02DL 5X  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BJ2DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022  
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 11:39:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 22 03:34:37 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.900  | 152  | 4793     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 14787    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.530 | 164  | 8866     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.268 | 188  | 18996    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.446 | 240  | 16049    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.814 | 264  | 14065    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96   | 4698     | 0.804 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.288 | 152  | 1207     | 0.057 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.295 | 212  | 3057     | 0.063 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.749 | 128  | 9752     | 0.223 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.360 | 142  | 7750     | 0.295 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.580 | 142  | 6001     | 0.224 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.247 | 152  | 3564     | 0.094 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.310 | 178  | 13733    | 0.214 | ng/ul  | 99       |
| 16) Anthracene              | 17.403 | 178  | 2353     | 0.046 | ng/ul# | 87       |
| 19) Fluoranthene            | 19.323 | 202  | 24515    | 0.352 | ng/ul  | 99       |
| 20) Pyrene                  | 19.685 | 202  | 23446    | 0.332 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.429 | 228  | 13854    | 0.222 | ng/ul  | 95       |
| 22) Chrysene                | 21.481 | 228  | 15815    | 0.221 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.095 | 252  | 22377    | 0.300 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.136 | 252  | 8452m    | 0.117 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.709 | 252  | 13009    | 0.217 | ng/ul  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.265 | 276  | 9630     | 0.115 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.275 | 278  | 2394     | 0.036 | ng/ul# | 44       |
| 29) Benzo(g,h,i)perylene    | 27.020 | 276  | 8474     | 0.115 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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