

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
 Data File : BM037064.D  
 Acq On : 14 Oct 2022 21:29  
 Operator : CG/JU  
 Sample : N5049-01  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BG3

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022  
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 23:05:43 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 14 07:11:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.934  | 152  | 5786     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.732 | 136  | 21083    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.561 | 164  | 11076    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.296 | 188  | 22589    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.470 | 240  | 17393    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.856 | 264  | 13488    | 0.400 | ng/ul  | #-0.01   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.339  | 96   | 27123    | 3.324 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 7032     | 0.221 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.322 | 212  | 13581    | 0.261 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.787 | 128  | 7271     | 0.121 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.393 | 142  | 5594     | 0.152 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.613 | 142  | 4761     | 0.127 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.279 | 152  | 3157     | 0.069 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.621 | 153  | 2686     | 0.067 | ng/ul  | 98       |
| 12) Fluorene                | 15.607 | 166  | 3188     | 0.070 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.338 | 178  | 93662    | 1.299 | ng/ul  | 99       |
| 16) Anthracene              | 17.431 | 178  | 14248    | 0.236 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.349 | 202  | 195772   | 2.830 | ng/ul  | 99       |
| 20) Pyrene                  | 19.712 | 202  | 153816m  | 2.132 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.453 | 228  | 61320    | 0.976 | ng/ul  | 100      |
| 22) Chrysene                | 21.506 | 228  | 68535    | 1.016 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.131 | 252  | 73950    | 1.227 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.171 | 252  | 26601m   | 0.453 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.750 | 252  | 46503    | 0.951 | ng/ul# | 80       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.326 | 276  | 31256    | 0.451 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.339 | 278  | 7088     | 0.127 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.094 | 276  | 27324    | 0.448 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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