

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101821\  
 Data File : BM032569.D  
 Acq On : 18 Oct 2021 12:29  
 Operator : CG/JU  
 Sample : M4029-19DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00T0DL

Manual Integrations  
 APPROVED

mohammad  
 10/19/2021 12:10:29 PM

Quant Time: Oct 18 13:02:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 18 10:38:29 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 4278     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.335 | 136  | 13273    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.209 | 164  | 6134     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.946 | 188  | 10569    | 0.40 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.126 | 240  | 7343     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.261 | 264  | 6624     | 0.40 | ng/ul  | # 0.00   |
|                             |        |      |          |      |        |          |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 2.924  | 96   | 2639     | 0.55 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.936 | 152  | 556      | 0.03 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.970 | 212  | 812      | 0.04 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 5) Naphthalene              | 10.384 | 128  | 2180     | 0.05 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.008 | 142  | 1221     | 0.05 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.228 | 142  | 744      | 0.03 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.928 | 152  | 1620     | 0.06 | ng/ul# | 90       |
| 12) Fluorene                | 15.260 | 166  | 755      | 0.03 | ng/ul# | 93       |
| 15) Phenanthrene            | 16.988 | 178  | 16713    | 0.47 | ng/ul  | 99       |
| 16) Anthracene              | 17.075 | 178  | 2133m    | 0.07 | ng/ul  |          |
| 19) Fluoranthene            | 19.000 | 202  | 40192    | 1.11 | ng/ul  | 99       |
| 20) Pyrene                  | 19.362 | 202  | 34838    | 0.93 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.109 | 228  | 13038    | 0.45 | ng/ul  | 98       |
| 22) Chrysene                | 21.162 | 228  | 18545    | 0.59 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.629 | 252  | 24608m   | 0.80 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.663 | 252  | 10194m   | 0.33 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.167 | 252  | 14149    | 0.55 | ng/ul  | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.362 | 276  | 11922    | 0.38 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.360 | 278  | 2651     | 0.11 | ng/ul# | 65       |
| 29) Benzo(g,h,i)perylene    | 26.004 | 276  | 11346    | 0.42 | ng/ul  | 98       |
| -----                       |        |      |          |      |        |          |

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

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