

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072921\  
 Data File : BM031270.D  
 Acq On : 30 Jul 2021 09:24  
 Operator : CG/JU  
 Sample : M3084-01  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0021

Manual Integrations  
 APPROVED

mohammad  
 7/30/2021 12:02:38 PM

Quant Time: Jul 30 09:59:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 30 09:57:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.611  | 152  | 1527     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.370 | 136  | 5818     | 0.40 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.239 | 164  | 3734     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.988 | 188  | 7243     | 0.40 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.178 | 240  | 6239     | 0.40 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.343 | 264  | 5979     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.199  | 96   | 3745     | 2.21 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.962 | 152  | 1383     | 0.14 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.020 | 212  | 2955     | 0.14 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 5) Naphthalene              | 10.419 | 128  | 14089    | 0.81 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.038 | 142  | 10362    | 0.88 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.263 | 142  | 5900     | 0.50 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.963 | 152  | 6152     | 0.39 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.303 | 153  | 1102     | 0.08 | ng/ul  | 96       |
| 12) Fluorene                | 15.293 | 166  | 1359     | 0.09 | ng/ul# | 78       |
| 15) Phenanthrene            | 17.027 | 178  | 52356    | 2.28 | ng/ul  | 97       |
| 16) Anthracene              | 17.120 | 178  | 7606     | 0.35 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.050 | 202  | 86114    | 3.23 | ng/ul  | 98       |
| 20) Pyrene                  | 19.413 | 202  | 72645    | 2.69 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.164 | 228  | 39999    | 1.59 | ng/ul  | 94       |
| 22) Chrysene                | 21.214 | 228  | 54419    | 2.09 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.703 | 252  | 78296m   | 2.91 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.740 | 252  | 23856m   | 0.86 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.251 | 252  | 44109    | 1.87 | ng/ul  | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.490 | 276  | 39685    | 1.30 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.497 | 278  | 10079    | 0.41 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 26.146 | 276  | 36176    | 1.39 | ng/ul  | 98       |
| -----                       |        |      |          |      |        |          |

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

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