

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062521\  
 Data File : BM030634.D  
 Acq On : 26 Jun 2021 12:49  
 Operator : CG/JU  
 Sample : M2682-14  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD33

Manual Integrations  
 APPROVED

mohammad  
 6/28/2021 1:22:44 PM

Quant Time: Jun 27 02:41:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 25 10:09:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.791  | 152  | 3896     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.577 | 136  | 16255    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.421 | 164  | 9866     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.155 | 188  | 18954    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.321 | 240  | 13326    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.573 | 264  | 11452    | 0.400  | ng/ul  | -0.02    |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.276  | 96   | 8684     | 2.084  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.169 | 152  | 3876     | 0.149  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.176 | 212  | 7983     | 0.195  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.626 | 128  | 21440    | 0.443  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.241 | 142  | 8403     | 0.258  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.461 | 142  | 7527     | 0.237  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.140 | 152  | 15951    | 0.345  | ng/ul  | 97       |
| 11) Acenaphthene            | 14.482 | 153  | 32270    | 0.858  | ng/ul  | 99       |
| 12) Fluorene                | 15.464 | 166  | 39119    | 0.939  | ng/ul  | 97       |
| 15) Phenanthrene            | 17.197 | 178  | 695821   | 10.310 | ng/ul  | 99       |
| 16) Anthracene              | 17.287 | 178  | 155232   | 2.626  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.207 | 202  | 936550   | 15.287 | ng/ul  | 99       |
| 20) Pyrene                  | 19.569 | 202  | 572228   | 9.117  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.307 | 228  | 363153   | 6.860  | ng/ul  | 99       |
| 22) Chrysene                | 21.357 | 228  | 315465   | 5.368  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.895 | 252  | 340622m  | 6.838  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.934 | 252  | 122844m  | 2.351  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.474 | 252  | 104241   | 2.358  | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.851 | 276  | 86302    | 1.535  | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.856 | 278  | 36054    | 0.804  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.553 | 276  | 3826     | 0.079  | ng/ul# | 70       |
| -----                       |        |      |          |        |        |          |

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

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