

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062821\  
 Data File : BM030662.D  
 Acq On : 28 Jun 2021 20:30  
 Operator : CG/JU  
 Sample : M2682-12  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDD0

Manual Integrations  
 APPROVED

mohammad  
 6/29/2021 2:31:36 PM

Quant Time: Jun 29 02:21:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 14:33:12 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.791  | 152  | 2495     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.576 | 136  | 9675     | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.417 | 164  | 5661     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.155 | 188  | 11217    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.321 | 240  | 10238    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.576 | 264  | 12316    | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.279  | 96   | 2852     | 1.049  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.169 | 152  | 2590     | 0.170  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.176 | 212  | 5840     | 0.199  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.626 | 128  | 15301    | 0.555  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.241 | 142  | 2878     | 0.155  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.461 | 142  | 1865     | 0.103  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.140 | 152  | 15930    | 0.630  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.481 | 153  | 15292    | 0.747  | ng/ul  | 98       |
| 12) Fluorene                | 15.463 | 166  | 12537    | 0.555  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.197 | 178  | 325153   | 8.623  | ng/ul  | 98       |
| 16) Anthracene              | 17.287 | 178  | 107445   | 3.254  | ng/ul  | 97       |
| 19) Fluoranthene            | 19.207 | 202  | 1029695  | 22.787 | ng/ul  | 97       |
| 20) Pyrene                  | 19.569 | 202  | 808471   | 17.792 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.306 | 228  | 882870   | 21.633 | ng/ul  | 99       |
| 22) Chrysene                | 21.357 | 228  | 756416   | 16.546 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.902 | 252  | 1401622m | 25.694 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.938 | 252  | 501897m  | 8.924  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.479 | 252  | 684579   | 14.754 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.858 | 276  | 571994   | 9.464  | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.860 | 278  | 175855   | 3.626  | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 26.553 | 276  | 29967    | 0.571  | ng/ul# | 92       |
| -----                       |        |      |          |        |        |          |

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

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