

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062821\  
 Data File : BM030686.D  
 Acq On : 29 Jun 2021 11:53  
 Operator : CG/JU  
 Sample : M2680-06 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDD2

Manual Integrations  
 APPROVED

mohammad  
 6/30/2021 10:24:48 AM

Quant Time: Jun 29 13:08:36 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   | 7.788  | 152  | 2213     | 0.400   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.571 | 136  | 8265     | 0.400   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.412 | 164  | 4635m    | 0.400   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.154 | 188  | 10210    | 0.400   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.326 | 240  | 12725    | 0.400   | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.584 | 264  | 13507m   | 0.400   | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.283  | 96   | 1410     | 0.585   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.159 | 152  | 506      | 0.039   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.168 | 212  | 1456m    | 0.040   | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         | Qvalue |          |
| 5) Naphthalene              | 10.621 | 128  | 690224   | 29.307  | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.231 | 142  | 288645   | 18.207  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.451 | 142  | 518735   | 33.627  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.132 | 152  | 422899   | 20.439  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.481 | 153  | 2252028  | 134.321 | ng/ul  | 96       |
| 12) Fluorene                | 15.463 | 166  | 2006585  | 108.496 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.206 | 178  | 9155640m | 266.744 | ng/ul  |          |
| 16) Anthracene              | 17.290 | 178  | 3679351  | 122.404 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.217 | 202  | 8939205  | 159.159 | ng/ul# | 93       |
| 20) Pyrene                  | 19.576 | 202  | 7271687  | 128.753 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.312 | 228  | 3712643  | 73.192  | ng/ul# | 88       |
| 22) Chrysene                | 21.363 | 228  | 2927159  | 51.515  | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 22.913 | 252  | 3580018m | 59.841  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.944 | 252  | 1330468m | 21.571  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.492 | 252  | 2999445  | 58.946  | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.868 | 276  | 1678525  | 25.322  | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 25.868 | 278  | 433020   | 8.140   | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.571 | 276  | 1304484  | 22.650  | ng/ul  | 96       |
| -----                       |        |      |          |         |        |          |

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

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