

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032657.D  
 Acq On : 21 Oct 2021 15:25  
 Operator : CG/JU  
 Sample : M4207-07DL 5X  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AY7DL

Manual Integrations  
 APPROVED

mohammad  
 10/22/2021 11:18:29 AM

Quant Time: Oct 21 17:06:12 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 : Wed Oct 20 16:33:56 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 6676     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.334 | 136  | 22737    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.205 | 164  | 12284    | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.943 | 188  | 25136    | 0.40 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.118 | 240  | 18665    | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.254 | 264  | 17996m   | 0.40 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 2.923  | 96   | 632      | 0.08 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.931 | 152  | 187      | 0.01 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.966 | 212  | 305      | 0.01 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 5) Naphthalene              | 10.384 | 128  | 5307     | 0.08 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.008 | 142  | 2920     | 0.06 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.228 | 142  | 1381     | 0.03 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.924 | 152  | 5742     | 0.11 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.270 | 153  | 972      | 0.02 | ng/ul  | 95       |
| 12) Fluorene                | 15.256 | 166  | 3373     | 0.06 | ng/ul  | 97       |
| 15) Phenanthrene            | 16.981 | 178  | 29581    | 0.35 | ng/ul  | 99       |
| 16) Anthracene              | 17.071 | 178  | 261161   | 3.52 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.996 | 202  | 133623   | 1.45 | ng/ul  | 100      |
| 20) Pyrene                  | 19.358 | 202  | 122620   | 1.29 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.104 | 228  | 101713   | 1.39 | ng/ul  | 99       |
| 22) Chrysene                | 21.154 | 228  | 402213   | 5.01 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.622 | 252  | 241007m  | 2.90 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.658 | 252  | 96826m   | 1.17 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.162 | 252  | 134783m  | 1.93 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.359 | 276  | 223843   | 2.63 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.359 | 278  | 57296    | 0.85 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.006 | 276  | 226130   | 3.05 | ng/ul  | 97       |
| -----                       |        |      |          |      |        |          |

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

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