

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080221\  
 Data File : BM031391.D  
 Acq On : 03 Aug 2021 00:43  
 Operator : CG/JU  
 Sample : M3123-04DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0067DL

Manual Integrations  
 APPROVED

mohammad  
 8/3/2021 11:51:12 AM

Quant Time: Aug 03 03:15:57 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 : Tue Aug 03 02:07:36 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|------|---------|----------|
| -----                       |        |      |          |      |         |          |
| Internal Standards          |        |      |          |      |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.601  | 152  | 1716     | 0.40 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.361 | 136  | 6828     | 0.40 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.227 | 164  | 4851     | 0.40 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.978 | 188  | 8040     | 0.40 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.168 | 240  | 6185     | 0.40 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.329 | 264  | 5825     | 0.40 | ng/ul   | 0.00     |
|                             |        |      |          |      |         |          |
| System Monitoring Compounds |        |      |          |      |         |          |
| 3) 1,4-Dioxane-d8           | 3.196  | 96   | 523      | 0.27 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.953 | 152  | 259      | 0.02 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.008 | 212  | 536      | 0.03 | ng/ul   | 0.00     |
|                             |        |      |          |      |         |          |
| Target Compounds            |        |      |          |      |         |          |
|                             |        |      |          |      | Qvalue  |          |
| 5) Naphthalene              | 10.410 | 128  | 67533    | 3.32 | ng/ul   | 96       |
| 7) 2-Methylnaphthalene      | 12.029 | 142  | 66777    | 4.81 | ng/ul   | 100      |
| 8) 1-Methylnaphthalene      | 12.250 | 142  | 32345    | 2.36 | ng/ul   | 100      |
| 10) Acenaphthylene          | 13.954 | 152  | 612      | 0.03 | ng/ul#  | 51       |
| 12) Fluorene                | 15.285 | 166  | 1047     | 0.05 | ng/ul#  | 62       |
| 15) Phenanthrene            | 17.020 | 178  | 120265   | 4.71 | ng/ul   | 97       |
| 16) Anthracene              | 17.110 | 178  | 3992     | 0.17 | ng/ul   | 97       |
| 19) Fluoranthene            | 19.043 | 202  | 17698    | 0.67 | ng/ul#  | 94       |
| 20) Pyrene                  | 19.401 | 202  | 13126    | 0.49 | ng/ul#  | 94       |
| 21) Benzo(a)anthracene      | 21.151 | 228  | 9967m    | 0.40 | ng/ul   |          |
| 22) Chrysene                | 21.205 | 228  | 31941    | 1.24 | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 22.686 | 252  | 6717m    | 0.26 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.725 | 252  | 566m     | 0.02 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.234 | 252  | 985      | 0.04 | ng/ul#  | 1        |
| 28) Dibenzo(a,h)anthracene  | 25.482 | 278  | 711      | 0.03 | ng/ul#  | 1        |
| -----                       |        |      |          |      |         |          |

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

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