

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092721\  
 Data File : BM032273.D  
 Acq On : 29 Sep 2021 14:11  
 Operator : CG/JU  
 Sample : M3755-06DL 2X  
 Misc :  
 ALS Vial : 78 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AL0DL

Manual Integrations  
 APPROVED

mohammad  
 9/30/2021 11:29:39 AM

Quant Time: Sep 29 14:41:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM092721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 27 13:37:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.657  | 152  | 7103     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.446 | 136  | 21679    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.299 | 164  | 9526     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.025 | 188  | 16649    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.187 | 240  | 12422    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.350 | 264  | 11240    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.989  | 96   | 8149     | 1.067 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.038 | 152  | 1857     | 0.064 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 2840     | 0.084 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.495 | 128  | 2157     | 0.034 | ng/ul# | 89       |
| 7) 2-Methylnaphthalene      | 12.110 | 142  | 900      | 0.022 | ng/ul  | 94       |
| 10) Acenaphthylene          | 14.015 | 152  | 1567     | 0.041 | ng/ul# | 87       |
| 15) Phenanthrene            | 17.066 | 178  | 18266    | 0.337 | ng/ul  | 99       |
| 16) Anthracene              | 17.157 | 178  | 5766     | 0.129 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.075 | 202  | 40144    | 0.774 | ng/ul  | 100      |
| 20) Pyrene                  | 19.437 | 202  | 37714    | 0.725 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.173 | 228  | 14901    | 0.339 | ng/ul  | 98       |
| 22) Chrysene                | 21.224 | 228  | 16820    | 0.327 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.708 | 252  | 18298m   | 0.314 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.742 | 252  | 6779m    | 0.120 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.255 | 252  | 13248    | 0.302 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.489 | 276  | 7431     | 0.133 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.492 | 278  | 1856     | 0.041 | ng/ul# | 44       |
| 29) Benzo(g,h,i)perylene    | 26.148 | 276  | 6579     | 0.124 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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