

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032076.D  
 Acq On : 04 Sep 2021 14:10  
 Operator : CG/JU  
 Sample : M3518-01DL 5X  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AS4DL

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:38:42 AM

Quant Time: Sep 06 02:19:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.452  | 152  | 1858     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.208 | 136  | 6325     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.095 | 164  | 3178     | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 16.851 | 188  | 6244     | 0.400 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.059 | 240  | 5257     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.175 | 264  | 5495     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.068  | 96   | 1765     | 0.865 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.809 | 152  | 451      | 0.046 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.888 | 212  | 913      | 0.059 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.257 | 128  | 8528     | 0.508 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 11.881 | 142  | 5696     | 0.486 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.106 | 142  | 4386     | 0.380 | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.815 | 152  | 1644     | 0.128 | ng/ul  | 92       |
| 11) Acenaphthene            | 14.159 | 153  | 729      | 0.069 | ng/ul# | 90       |
| 12) Fluorene                | 15.156 | 166  | 1005     | 0.082 | ng/ul# | 87       |
| 15) Phenanthrene            | 16.893 | 178  | 23451    | 1.234 | ng/ul  | 97       |
| 16) Anthracene              | 16.987 | 178  | 3991     | 0.239 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.919 | 202  | 51814    | 2.280 | ng/ul  | 98       |
| 20) Pyrene                  | 19.285 | 202  | 47131    | 2.013 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.045 | 228  | 25898    | 1.349 | ng/ul  | 98       |
| 22) Chrysene                | 21.098 | 228  | 28741    | 1.303 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.553 | 252  | 47251m   | 1.870 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.589 | 252  | 16437m   | 0.631 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.083 | 252  | 33655    | 1.524 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.240 | 276  | 26857    | 0.893 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.245 | 278  | 6552     | 0.271 | ng/ul# | 93       |
| 29) Benzo(g,h,i)perylene    | 25.872 | 276  | 25748    | 0.962 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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