

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032087.D  
 Acq On : 04 Sep 2021 21:33  
 Operator : CG/JU  
 Sample : M3518-05  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B42

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:39:07 AM

Quant Time: Sep 06 04:09:18 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   | 7.448  | 152  | 1949     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.203 | 136  | 6510     | 0.400 | ng/ul  | #-0.02   |
| 9) Acenaphthene-d10         | 14.095 | 164  | 2461     | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 16.851 | 188  | 5050     | 0.400 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.062 | 240  | 4846     | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.171 | 264  | 6149     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.061  | 96   | 11773    | 5.500 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.804 | 152  | 2352     | 0.233 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.888 | 212  | 4614     | 0.325 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.253 | 128  | 789      | 0.046 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 11.881 | 142  | 518      | 0.043 | ng/ul  | 94       |
| 8) 1-Methylnaphthalene      | 12.101 | 142  | 396      | 0.033 | ng/ul  | 96       |
| 10) Acenaphthylene          | 13.810 | 152  | 297      | 0.030 | ng/ul# | 49       |
| 15) Phenanthrene            | 16.893 | 178  | 761      | 0.050 | ng/ul# | 83       |
| 19) Fluoranthene            | 18.919 | 202  | 1300     | 0.062 | ng/ul# | 79       |
| 20) Pyrene                  | 19.285 | 202  | 1223     | 0.057 | ng/ul# | 77       |
| 21) Benzo(a)anthracene      | 21.045 | 228  | 713      | 0.040 | ng/ul# | 78       |
| 22) Chrysene                | 21.098 | 228  | 1175     | 0.058 | ng/ul# | 85       |
| 24) Benzo(b)fluoranthene    | 22.550 | 252  | 2100m    | 0.074 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.587 | 252  | 754m     | 0.026 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.081 | 252  | 1002     | 0.041 | ng/ul# | 15       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.247 | 276  | 1007     | 0.030 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 25.877 | 276  | 1057     | 0.035 | ng/ul# | 53       |
| -----                       |        |      |          |       |        |          |

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

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