

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101521\  
 Data File : BM032531.D  
 Acq On : 15 Oct 2021 18:23  
 Operator : CG/JU  
 Sample : M4029-01DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00Q4DL

Manual Integrations  
 APPROVED

mohammad  
 10/18/2021 12:41:33 PM

Quant Time: Oct 18 04:07:18 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 : Fri Oct 15 12:37:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.556  | 152  | 5349     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.344 | 136  | 17178    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.213 | 164  | 9017     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.950 | 188  | 18462    | 0.40 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.128 | 240  | 14235    | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.266 | 264  | 11766    | 0.40 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 2.923  | 96   | 3095     | 0.52 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.940 | 152  | 687      | 0.03 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.977 | 212  | 1493     | 0.03 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 12) Fluorene                | 15.263 | 166  | 1573     | 0.04 | ng/ul# | 98       |
| 15) Phenanthrene            | 16.991 | 178  | 18118    | 0.29 | ng/ul  | 100      |
| 16) Anthracene              | 17.078 | 178  | 4281     | 0.08 | ng/ul# | 95       |
| 19) Fluoranthene            | 19.008 | 202  | 28027    | 0.40 | ng/ul  | 99       |
| 20) Pyrene                  | 19.370 | 202  | 24369    | 0.34 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.113 | 228  | 9194     | 0.17 | ng/ul  | 98       |
| 22) Chrysene                | 21.164 | 228  | 9690     | 0.16 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.634 | 252  | 11217m   | 0.21 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.670 | 252  | 3610m    | 0.07 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.172 | 252  | 7403     | 0.16 | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.372 | 276  | 3795     | 0.07 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.367 | 278  | 926      | 0.02 | ng/ul# | 11       |
| 29) Benzo(g,h,i)perylene    | 26.016 | 276  | 3442     | 0.07 | ng/ul# | 88       |
| -----                       |        |      |          |      |        |          |

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

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