

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080221\  
 Data File : BM031427.D  
 Acq On : 04 Aug 2021 01:16  
 Operator : CG/JU  
 Sample : M3122-05  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGEN8

Manual Integrations  
 APPROVED

mohammad  
 8/4/2021 3:48:23 PM

Quant Time: Aug 04 02:38:37 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 13:47:07 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.597  | 152  | 1160     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.356 | 136  | 4480     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.227 | 164  | 2661     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.975 | 188  | 5033     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.166 | 240  | 3794     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.326 | 264  | 3564     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.192  | 96   | 3630     | 2.818 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.953 | 152  | 1296     | 0.172 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.005 | 212  | 2198     | 0.174 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.406 | 128  | 685      | 0.051 | ng/ul# | 80       |
| 10) Acenaphthylene          | 13.945 | 152  | 330      | 0.029 | ng/ul# | 64       |
| 12) Fluorene                | 15.285 | 166  | 267      | 0.024 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.016 | 178  | 2546     | 0.159 | ng/ul  | 96       |
| 16) Anthracene              | 17.107 | 178  | 1768     | 0.118 | ng/ul# | 94       |
| 19) Fluoranthene            | 19.035 | 202  | 7860     | 0.485 | ng/ul# | 96       |
| 20) Pyrene                  | 19.401 | 202  | 1858m    | 0.113 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.151 | 228  | 4584     | 0.299 | ng/ul  | 92       |
| 22) Chrysene                | 21.202 | 228  | 3473m    | 0.219 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.684 | 252  | 3652m    | 0.227 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.723 | 252  | 1945m    | 0.117 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.232 | 252  | 539      | 0.038 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 25.465 | 276  | 511      | 0.028 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 25.468 | 278  | 535      | 0.037 | ng/ul# | 7        |
| -----                       |        |      |          |       |        |          |

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

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