

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072921\  
 Data File : BM031348.D  
 Acq On : 01 Aug 2021 14:21  
 Operator : CG/JU  
 Sample : M3107-19  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGEN2

Manual Integrations  
 APPROVED

mohammad  
 8/2/2021 3:43:13 PM

Quant Time: Aug 02 01:17:16 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 : Fri Jul 30 14:16:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.604  | 152  | 1169     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.365 | 136  | 4396     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.231 | 164  | 2641     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.982 | 188  | 5024     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.171 | 240  | 3781     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.331 | 264  | 3942     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.196  | 96   | 3262     | 2.513 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.957 | 152  | 1138     | 0.154 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.012 | 212  | 2141     | 0.170 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 19) Fluoranthene            | 19.043 | 202  | 511      | 0.032 | ng/ul# | 64       |
| 20) Pyrene                  | 19.405 | 202  | 718      | 0.044 | ng/ul# | 71       |
| 21) Benzo(a)anthracene      | 21.156 | 228  | 306      | 0.020 | ng/ul# | 62       |
| 24) Benzo(b)fluoranthene    | 22.694 | 252  | 430m     | 0.024 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.239 | 252  | 833      | 0.054 | ng/ul# | 2        |
| 27) Indeno(1,2,3-cd)pyrene  | 25.475 | 276  | 412      | 0.020 | ng/ul# | 99       |
| 29) Benzo(g,h,i)perylene    | 26.132 | 276  | 1005     | 0.059 | ng/ul# | 71       |
| -----                       |        |      |          |       |        |          |

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

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