

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081221\  
 Data File : BM031723.D  
 Acq On : 13 Aug 2021 20:14  
 Operator : CG/JU  
 Sample : M3220-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JCEN1

Manual Integrations  
 APPROVED

mohammad  
 8/16/2021 8:40:30 AM

Quant Time: Aug 14 00:51:30 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 : Thu Aug 12 17:28:09 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.566  | 152  | 1097     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.324 | 136  | 4049     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.201 | 164  | 2333     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.954 | 188  | 4427     | 0.400 | ng/ul # | -0.01    |
| 17) Chrysene-d12            | 21.151 | 240  | 3717     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.307 | 264  | 3757     | 0.400 | ng/ul # | -0.01    |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.182  | 96   | 3744     | 3.073 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.925 | 152  | 1335     | 0.196 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.985 | 212  | 2553     | 0.206 | ng/ul   | -0.01    |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.373 | 128  | 542      | 0.045 | ng/ul#  | 71       |
| 10) Acenaphthylene          | 13.922 | 152  | 1386     | 0.139 | ng/ul#  | 90       |
| 11) Acenaphthene            | 14.261 | 153  | 435      | 0.052 | ng/ul   | 96       |
| 12) Fluorene                | 15.258 | 166  | 369      | 0.038 | ng/ul#  | 91       |
| 14) Pentachlorophenol       | 16.613 | 266  | 66       | 0.047 | ng/ul#  | 90       |
| 15) Phenanthrene            | 16.995 | 178  | 7285     | 0.518 | ng/ul   | 99       |
| 16) Anthracene              | 17.085 | 178  | 1781     | 0.135 | ng/ul#  | 91       |
| 19) Fluoranthene            | 19.016 | 202  | 19084    | 1.202 | ng/ul   | 96       |
| 20) Pyrene                  | 19.378 | 202  | 23573    | 1.464 | ng/ul   | 96       |
| 21) Benzo(a)anthracene      | 21.134 | 228  | 9806m    | 0.653 | ng/ul   |          |
| 22) Chrysene                | 21.188 | 228  | 12966    | 0.835 | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 22.667 | 252  | 18038m   | 1.066 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.703 | 252  | 6235m    | 0.357 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.212 | 252  | 13046    | 0.880 | ng/ul#  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.439 | 276  | 11377    | 0.594 | ng/ul#  | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.446 | 278  | 2268     | 0.147 | ng/ul#  | 64       |
| 29) Benzo(g,h,i)perylene    | 26.090 | 276  | 2501     | 0.153 | ng/ul#  | 75       |
| -----                       |        |      |          |       |         |          |

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

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