

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081121\  
 Data File : BM031664.D  
 Acq On : 11 Aug 2021 17:30  
 Operator : CG/JU  
 Sample : M3246-01DL 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA6DL

Manual Integrations  
 APPROVED

mohammad  
 8/12/2021 1:36:01 PM

Quant Time: Aug 11 18:03:56 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 : Wed Aug 11 16:24:11 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.573  | 152  | 1422     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.334 | 136  | 5312     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.205 | 164  | 2989     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.957 | 188  | 5526     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.156 | 240  | 4478     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.314 | 264  | 4479     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.186  | 96   | 1249     | 0.791 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.926 | 152  | 432      | 0.048 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.993 | 212  | 829      | 0.055 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.383 | 128  | 13243    | 0.837 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.002 | 142  | 11590    | 1.072 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.227 | 142  | 8276     | 0.775 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.927 | 152  | 1318     | 0.104 | ng/ul# | 86       |
| 11) Acenaphthene            | 14.269 | 153  | 357m     | 0.033 | ng/ul  |          |
| 12) Fluorene                | 15.263 | 166  | 382      | 0.031 | ng/ul# | 55       |
| 15) Phenanthrene            | 16.999 | 178  | 14626    | 0.834 | ng/ul  | 99       |
| 16) Anthracene              | 17.089 | 178  | 2316     | 0.141 | ng/ul# | 90       |
| 19) Fluoranthene            | 19.024 | 202  | 9423     | 0.493 | ng/ul# | 93       |
| 20) Pyrene                  | 19.386 | 202  | 24876    | 1.283 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.140 | 228  | 6400     | 0.354 | ng/ul# | 50       |
| 22) Chrysene                | 21.193 | 228  | 9515     | 0.509 | ng/ul# | 78       |
| 24) Benzo(b)fluoranthene    | 22.675 | 252  | 11987m   | 0.594 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.713 | 252  | 3884m    | 0.186 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.220 | 252  | 7381     | 0.418 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.454 | 276  | 7337     | 0.321 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.456 | 278  | 1782     | 0.097 | ng/ul# | 2        |
| 29) Benzo(g,h,i)perylene    | 26.103 | 276  | 15604    | 0.801 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

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

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