

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062623\  
 Data File : BM040418.D  
 Acq On : 27 Jun 2023 01:21  
 Operator : MA/JU  
 Sample : 03084-20DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFQ7DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023  
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 04:28:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 00:44:24 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.945  | 152  | 8021     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.756 | 136  | 28835    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.586 | 164  | 13404    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.332 | 188  | 23394    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 12631    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.926 | 264  | 12569    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.333  | 96   | 5434     | 0.431 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.345 | 152  | 1243     | 0.031 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.356 | 212  | 1528     | 0.038 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.806 | 128  | 6096     | 0.077 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.417 | 142  | 3680     | 0.079 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.631 | 142  | 2415     | 0.052 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.304 | 152  | 14331    | 0.239 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.646 | 153  | 1581     | 0.031 | ng/ul  | 96       |
| 12) Fluorene                | 15.637 | 166  | 2229     | 0.041 | ng/ul# | 93       |
| 15) Phenanthrene            | 17.374 | 178  | 45207    | 0.622 | ng/ul  | 99       |
| 16) Anthracene              | 17.463 | 178  | 11845    | 0.194 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.389 | 202  | 115757   | 2.157 | ng/ul  | 96       |
| 20) Pyrene                  | 19.751 | 202  | 97195    | 1.690 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.494 | 228  | 46246    | 1.082 | ng/ul  | 97       |
| 22) Chrysene                | 21.547 | 228  | 49957    | 1.025 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.189 | 252  | 76098    | 1.564 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.230 | 252  | 26638m   | 0.556 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.815 | 252  | 45239    | 1.032 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.427 | 276  | 40829    | 0.669 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.437 | 278  | 9912     | 0.207 | ng/ul# | 85       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 38116    | 0.713 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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