

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070123\  
 Data File : BM040548.D  
 Acq On : 02 Jul 2023 20:39  
 Operator : MA/JU  
 Sample : 03243-14  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGD4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023  
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:29:47 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 : Sat Jul 01 03:00:05 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 6855     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.734 | 136  | 24610    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.568 | 164  | 14945    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.320 | 188  | 28513    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 17943    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.915 | 264  | 16557    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.321  | 96   | 47582    | 4.419 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.323 | 152  | 10799    | 0.313 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.347 | 212  | 21323    | 0.371 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.784 | 128  | 125488   | 1.849 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.395 | 142  | 118625   | 2.976 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.615 | 142  | 81702    | 2.051 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.290 | 152  | 46393    | 0.695 | ng/ul# | 94       |
| 11) Acenaphthene            | 14.633 | 153  | 10263    | 0.182 | ng/ul  | 95       |
| 12) Fluorene                | 15.618 | 166  | 11174    | 0.186 | ng/ul# | 84       |
| 14) Pentachlorophenol       | 16.973 | 266  | 195      | 0.036 | ng/ul# | 78       |
| 15) Phenanthrene            | 17.362 | 178  | 351932   | 3.974 | ng/ul  | 99       |
| 16) Anthracene              | 17.450 | 178  | 36524    | 0.491 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.375 | 202  | 487238   | 6.393 | ng/ul  | 96       |
| 20) Pyrene                  | 19.737 | 202  | 392220   | 4.800 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.486 | 228  | 215194   | 3.546 | ng/ul  | 95       |
| 22) Chrysene                | 21.538 | 228  | 238866   | 3.450 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.181 | 252  | 380223   | 5.934 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.222 | 252  | 117548m  | 1.861 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.806 | 252  | 197220   | 3.417 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.420 | 276  | 198040   | 2.464 | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.430 | 278  | 49444    | 0.786 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 179892   | 2.553 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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