

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070323\  
 Data File : BM040577.D  
 Acq On : 03 Jul 2023 16:12  
 Operator : MA/JU  
 Sample : 03242-05DL 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGA2DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023  
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 18:35:09 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 : Mon Jul 03 13:40:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.924  | 152  | 5274     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.734 | 136  | 18723    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.568 | 164  | 8518     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.315 | 188  | 15659    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.503 | 240  | 9193     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.915 | 264  | 10141    | 0.400 | ng/ul # | 0.00     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.321  | 96   | 8345     | 1.007 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.323 | 152  | 1873     | 0.071 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.347 | 212  | 2506     | 0.085 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       | Qvalue  |          |
| 7) 2-Methylnaphthalene      | 12.395 | 142  | 692      | 0.023 | ng/ul   | 92       |
| 8) 1-Methylnaphthalene      | 12.609 | 142  | 731      | 0.024 | ng/ul   | 100      |
| 10) Acenaphthylene          | 14.286 | 152  | 2588     | 0.068 | ng/ul#  | 83       |
| 11) Acenaphthene            | 14.628 | 153  | 2641     | 0.082 | ng/ul   | 97       |
| 12) Fluorene                | 15.618 | 166  | 3389     | 0.099 | ng/ul#  | 97       |
| 15) Phenanthrene            | 17.358 | 178  | 90370    | 1.858 | ng/ul   | 99       |
| 16) Anthracene              | 17.450 | 178  | 7448     | 0.182 | ng/ul#  | 90       |
| 19) Fluoranthene            | 19.375 | 202  | 140463   | 3.597 | ng/ul   | 96       |
| 20) Pyrene                  | 19.737 | 202  | 90802    | 2.169 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.486 | 228  | 28969    | 0.932 | ng/ul   | 97       |
| 22) Chrysene                | 21.541 | 228  | 40323    | 1.137 | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 23.181 | 252  | 49168    | 1.253 | ng/ul   | 98       |
| 25) Benzo(k)fluoranthene    | 23.222 | 252  | 14044m   | 0.363 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.809 | 252  | 22618    | 0.640 | ng/ul   | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.414 | 276  | 19249    | 0.391 | ng/ul#  | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.424 | 278  | 4753     | 0.123 | ng/ul#  | 49       |
| 29) Benzo(g,h,i)perylene    | 27.192 | 276  | 17027    | 0.395 | ng/ul#  | 86       |
| -----                       |        |      |          |       |         |          |

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

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