

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072123\  
 Data File : BM041038.D  
 Acq On : 22 Jul 2023 04:08  
 Operator : MA/JU  
 Sample : 03444-07RE  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46Q1RE

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023  
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 04:44:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 21 18:20:46 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 3756     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.664 | 136  | 13045    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.513 | 164  | 7667     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.270 | 188  | 27016    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.460 | 240  | 13537    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.848 | 264  | 16641    | 0.400 | ng/ul  | #-0.01   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.275  | 96   | 36770    | 5.954 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.258 | 152  | 7898     | 0.454 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.301 | 212  | 18320    | 0.322 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.713 | 128  | 5425     | 0.152 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 12.335 | 142  | 2064     | 0.105 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.555 | 142  | 1230     | 0.059 | ng/ul  | 86       |
| 10) Acenaphthylene          | 14.231 | 152  | 5954     | 0.185 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.574 | 153  | 3078m    | 0.109 | ng/ul  |          |
| 12) Fluorene                | 15.564 | 166  | 3570     | 0.122 | ng/ul# | 92       |
| 15) Phenanthrene            | 17.308 | 178  | 54304    | 0.673 | ng/ul  | 99       |
| 16) Anthracene              | 17.400 | 178  | 9647     | 0.153 | ng/ul# | 94       |
| 19) Fluoranthene            | 19.329 | 202  | 110842   | 1.586 | ng/ul  | 94       |
| 20) Pyrene                  | 19.692 | 202  | 104000   | 1.457 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.442 | 228  | 46482    | 1.127 | ng/ul  | 97       |
| 22) Chrysene                | 21.498 | 228  | 54645    | 1.159 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.123 | 252  | 64981    | 1.017 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 23.167 | 252  | 25475m   | 0.420 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.743 | 252  | 48274    | 0.875 | ng/ul# | 79       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.314 | 276  | 38714    | 0.529 | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.324 | 278  | 8754     | 0.158 | ng/ul# | 89       |
| 29) Benzo(g,h,i)perylene    | 27.075 | 276  | 40527    | 0.599 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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