

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM113023\  
 Data File : BM043117.D  
 Acq On : 01 Dec 2023 11:11  
 Operator : MA/JU  
 Sample : 05459-18  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA6

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023  
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 23:18:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM112423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 00:42:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.800  | 152  | 1137m    | 0.400 | ng/ul  | -0.06    |
| 4) Naphthalene-d8           | 10.601 | 136  | 3169     | 0.400 | ng/ul  | #-0.03   |
| 9) Acenaphthene-d10         | 14.447 | 164  | 1666m    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.205 | 188  | 3246     | 0.400 | ng/ul  | #-0.03   |
| 17) Chrysene-d12            | 21.397 | 240  | 2245     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.744 | 264  | 3070m    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.160  | 96   | 1604     | 0.919 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.207 | 152  | 772      | 0.182 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.230 | 212  | 1566     | 0.191 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.656 | 128  | 947      | 0.110 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.278 | 142  | 697      | 0.137 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.493 | 142  | 462      | 0.082 | ng/ul  | 94       |
| 10) Acenaphthylene          | 14.174 | 152  | 295      | 0.035 | ng/ul# | 67       |
| 15) Phenanthrene            | 17.247 | 178  | 3535     | 0.382 | ng/ul  | 97       |
| 16) Anthracene              | 17.340 | 178  | 576m     | 0.066 | ng/ul  |          |
| 19) Fluoranthene            | 19.262 | 202  | 5456     | 0.429 | ng/ul# | 96       |
| 20) Pyrene                  | 19.625 | 202  | 4846     | 0.358 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.385 | 228  | 2307     | 0.317 | ng/ul  | 99       |
| 22) Chrysene                | 21.435 | 228  | 2092     | 0.154 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 23.022 | 252  | 3269     | 0.316 | ng/ul  | 95       |
| 25) Benzo(k)fluoranthene    | 23.063 | 252  | 1352m    | 0.095 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.636 | 252  | 2100     | 0.186 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.191 | 276  | 2068     | 0.135 | ng/ul# | 100      |
| 29) Benzo(g,h,i)perylene    | 26.959 | 276  | 1778     | 0.119 | ng/ul# | 89       |
| -----                       |        |      |          |       |        |          |

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

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