

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100523\  
 Data File : BN028084.D  
 Acq On : 06 Oct 2023 14:39  
 Operator : MA/JU  
 Sample : 04527-07DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYK6DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023  
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:31:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 06 05:15:40 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.937  | 152  | 5771     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.757 | 136  | 18084    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.583 | 164  | 9635     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.337 | 188  | 19785    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.527 | 240  | 17157    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.997 | 264  | 18845    | 0.400 | ng/ul  | 0.02     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.330  | 96   | 5468     | 0.754 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.341 | 152  | 1167     | 0.040 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.362 | 212  | 2410     | 0.044 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.806 | 128  | 5059     | 0.099 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 12.412 | 142  | 7509     | 0.232 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.632 | 142  | 2565     | 0.077 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.647 | 153  | 862      | 0.025 | ng/ul# | 84       |
| 15) Phenanthrene            | 17.379 | 178  | 19326    | 0.328 | ng/ul# | 95       |
| 16) Anthracene              | 17.472 | 178  | 3738     | 0.071 | ng/ul# | 73       |
| 19) Fluoranthene            | 19.394 | 202  | 44233    | 0.675 | ng/ul  | 98       |
| 20) Pyrene                  | 19.761 | 202  | 48985    | 0.721 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.510 | 228  | 15962    | 0.255 | ng/ul# | 85       |
| 22) Chrysene                | 21.565 | 228  | 69491m   | 1.098 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.231 | 252  | 74732m   | 1.069 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.281 | 252  | 18414m   | 0.265 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.886 | 252  | 21255    | 0.357 | ng/ul# | 25       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.585 | 276  | 31308    | 0.434 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.602 | 278  | 7261     | 0.124 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.404 | 276  | 34473    | 0.585 | ng/ul# | 86       |
| -----                       |        |      |          |       |        |          |

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

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