

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092823\  
 Data File : BN027918.D  
 Acq On : 28 Sep 2023 10:27  
 Operator : MA/JU  
 Sample : 04417-25  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYF1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023  
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 28 11:17:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 27 03:52:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.954  | 152  | 3771     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.773 | 136  | 13742    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.597 | 164  | 8600     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.350 | 188  | 19641    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.539 | 240  | 18549    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.012 | 264  | 17646    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.326  | 96   | 10645    | 2.241 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.357 | 152  | 3084     | 0.148 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.376 | 212  | 7755     | 0.137 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.823 | 128  | 3545     | 0.090 | ng/ul  | 94       |
| 7) 2-Methylnaphthalene      | 12.429 | 142  | 2755     | 0.111 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.649 | 142  | 1796     | 0.070 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.392 | 178  | 9679     | 0.157 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.408 | 202  | 12174    | 0.162 | ng/ul# | 92       |
| 20) Pyrene                  | 19.776 | 202  | 19363m   | 0.251 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.519 | 228  | 5217     | 0.073 | ng/ul# | 41       |
| 22) Chrysene                | 21.551 | 228  | 17061m   | 0.230 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.243 | 252  | 14243m   | 0.181 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.293 | 252  | 4901m    | 0.064 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.898 | 252  | 6806     | 0.108 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.603 | 276  | 6372     | 0.079 | ng/ul# | 98       |
| 29) Benzo(g,h,i)perylene    | 27.421 | 276  | 14176    | 0.206 | ng/ul# | 61       |
| -----                       |        |      |          |       |        |          |

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

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