

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073024\  
 Data File : BN033073.D  
 Acq On : 29 Jul 2024 18:26  
 Operator : MA/JU  
 Sample : P3264-13DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CL9DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024  
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:07:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 29 23:04:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.529  | 152  | 1620     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.328 | 136  | 5767     | 0.400 | ng/ul # | 0.03     |
| 9) Acenaphthene-d10         | 14.162 | 164  | 4235     | 0.400 | ng/ul # | 0.00     |
| 13) Phenanthrene-d10        | 16.928 | 188  | 9456     | 0.400 | ng/ul   | -0.02    |
| 17) Chrysene-d12            | 21.154 | 240  | 8878     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.337 | 264  | 10774m   | 0.400 | ng/ul   | -0.01    |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.060  | 96   | 1382     | 0.674 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.961 | 152  | 295      | 0.031 | ng/ul   | 0.05     |
| 18) Fluoranthene-d10        | 18.967 | 212  | 1089     | 0.043 | ng/ul   | -0.01    |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 10) Acenaphthylene          | 13.889 | 152  | 1395     | 0.080 | ng/ul#  | 80       |
| 11) Acenaphthene            | 14.226 | 153  | 329      | 0.025 | ng/ul#  | 90       |
| 12) Fluorene                | 15.240 | 166  | 654      | 0.043 | ng/ul#  | 88       |
| 15) Phenanthrene            | 16.971 | 178  | 12252    | 0.483 | ng/ul   | 99       |
| 16) Anthracene              | 17.068 | 178  | 2896     | 0.127 | ng/ul#  | 86       |
| 19) Fluoranthene            | 18.995 | 202  | 29355    | 1.004 | ng/ul   | 99       |
| 20) Pyrene                  | 19.362 | 202  | 20563    | 0.656 | ng/ul   | 98       |
| 21) Benzo(a)anthracene      | 21.140 | 228  | 10530    | 0.348 | ng/ul   | 96       |
| 22) Chrysene                | 21.192 | 228  | 10563    | 0.299 | ng/ul   | 98       |
| 24) Benzo(b)fluoranthene    | 22.685 | 252  | 17214m   | 0.547 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.723 | 252  | 6818m    | 0.181 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.241 | 252  | 7179     | 0.242 | ng/ul#  | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.557 | 276  | 6319     | 0.140 | ng/ul#  | 94       |
| 28) Dibenzo(a,h)anthracene  | 25.547 | 278  | 1956     | 0.055 | ng/ul#  | 38       |
| 29) Benzo(g,h,i)perylene    | 26.241 | 276  | 967      | 0.027 | ng/ul#  | 37       |
| -----                       |        |      |          |       |         |          |

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

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