

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090221\  
 Data File : BN016147.D  
 Acq On : 02 Sep 2021 21:09  
 Operator : CG/JU  
 Sample : M3472-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AX0

Manual Integrations  
 APPROVED

mohammad  
 9/3/2021 8:59:33 AM

Quant Time: Sep 03 02:19:23 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 02 13:32:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.867  | 152  | 2588     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.666 | 136  | 10671    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.506 | 164  | 6362     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.255 | 188  | 13216    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.442 | 240  | 13720    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.839 | 264  | 13444    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.310  | 96   | 5337     | 1.772 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.261 | 152  | 1913     | 0.127 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.285 | 212  | 5020     | 0.136 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.716 | 128  | 578      | 0.020 | ng/ul# | 63       |
| 7) 2-Methylnaphthalene      | 12.333 | 142  | 449      | 0.024 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.553 | 142  | 424      | 0.023 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.228 | 152  | 989      | 0.041 | ng/ul# | 73       |
| 11) Acenaphthene            | 14.571 | 153  | 453      | 0.022 | ng/ul# | 93       |
| 12) Fluorene                | 15.556 | 166  | 580      | 0.025 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.297 | 178  | 10181    | 0.267 | ng/ul  | 99       |
| 16) Anthracene              | 17.390 | 178  | 2117     | 0.064 | ng/ul# | 91       |
| 19) Fluoranthene            | 19.318 | 202  | 16458    | 0.360 | ng/ul  | 98       |
| 20) Pyrene                  | 19.680 | 202  | 13781    | 0.298 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.427 | 228  | 9516     | 0.227 | ng/ul# | 89       |
| 22) Chrysene                | 21.480 | 228  | 9611     | 0.203 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 23.111 | 252  | 11159m   | 0.221 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.152 | 252  | 4048m    | 0.080 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.734 | 252  | 6460     | 0.151 | ng/ul# | 44       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.320 | 276  | 4894     | 0.088 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.340 | 278  | 1791     | 0.039 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.085 | 276  | 4626     | 0.096 | ng/ul# | 62       |
| -----                       |        |      |          |       |        |          |

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

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