

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
 Data File : BN035759.D  
 Acq On : 21 Dec 2024 01:34  
 Operator : RC/JU  
 Sample : P5317-08  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-MW01D1-20241216

Quant Time: Dec 21 02:09:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024  
 Supervised By :mohammad ahmed 12/24/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.272  | 152  | 2535     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.020 | 136  | 6408     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 13.924 | 164  | 4317     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.698 | 188  | 8567     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 20.956 | 240  | 6994     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.041 | 264  | 6882     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.932  | 112  | 791      | 0.125 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.492  | 99   | 390      | 0.051 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.418  | 82   | 1743m    | 0.445 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.621 | 152  | 4288     | 0.428 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.453 | 330  | 700      | 0.228 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.538 | 172  | 6507     | 0.399 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.757 | 212  | 11416    | 0.470 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.388 | 244  | 10536    | 0.764 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.982  | 88   | 834      | 0.344 | ng    | # 94     |
| 28) Fluoranthene              | 18.789 | 202  | 1516     | 0.048 | ng    | 97       |
| 30) Pyrene                    | 19.156 | 202  | 1184     | 0.046 | ng    | 98       |
| 32) Benzo(a)anthracene        | 20.938 | 228  | 842      | 0.034 | ng    | # 83     |
| 33) Chrysene                  | 20.991 | 228  | 1423     | 0.056 | ng    | # 92     |
| 34) Bis(2-ethylhexyl)phtha... | 20.902 | 149  | 1292     | 0.134 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.085 | 276  | 1098     | 0.041 | ng    | # 85     |
| 37) Benzo(b)fluoranthene      | 22.433 | 252  | 1257     | 0.050 | ng    | # 22     |
| 38) Benzo(k)fluoranthene      | 22.474 | 252  | 1185m    | 0.048 | ng    |          |
| 39) Benzo(a)pyrene            | 22.959 | 252  | 708      | 0.034 | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 25.099 | 278  | 628      | 0.030 | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 25.690 | 276  | 848      | 0.038 | ng    | # 58     |
| -----                         |        |      |          |       |       |          |

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

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