

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020425\  
 Data File : BN036284.D  
 Acq On : 05 Feb 2025 06:07  
 Operator : RC/JU  
 Sample : PB166442BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS442

Quant Time: Feb 05 08:30:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 12:27:24 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.779  | 152  | 3093     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.568 | 136  | 7623     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.418 | 164  | 4602     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.163 | 188  | 9548     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.348 | 240  | 8752     | 0.400 | ng/ul  | #-0.02   |
| 23) Perylene-d12            | 23.636 | 264  | 9315     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.256  | 96   | 2310     | 0.682 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.162 | 152  | 4121     | 0.428 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.193 | 212  | 9177     | 0.382 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.290  | 88   | 6070     | 1.679 | ng/ul  | 90       |
| 5) Naphthalene              | 10.617 | 128  | 8035     | 0.383 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.234 | 142  | 5194     | 0.398 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.454 | 142  | 5247     | 0.396 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.136 | 152  | 7407     | 0.341 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.479 | 153  | 5754     | 0.360 | ng/ul  | 97       |
| 12) Fluorene                | 15.469 | 166  | 6271     | 0.356 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.821 | 266  | 2384     | 0.713 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.205 | 178  | 10074    | 0.360 | ng/ul  | 99       |
| 16) Anthracene              | 17.293 | 178  | 9093     | 0.350 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.221 | 202  | 11661    | 0.351 | ng/ul  | 95       |
| 20) Pyrene                  | 19.583 | 202  | 12174    | 0.351 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.333 | 228  | 11232    | 0.360 | ng/ul  | 99       |
| 22) Chrysene                | 21.386 | 228  | 11578    | 0.363 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.946 | 252  | 11264    | 0.362 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 22.990 | 252  | 11638    | 0.356 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.537 | 252  | 10596    | 0.377 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.957 | 276  | 13065    | 0.352 | ng/ul  | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.970 | 278  | 10329    | 0.361 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.661 | 276  | 10210    | 0.354 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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