

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051425\  
 Data File : BN037011.D  
 Acq On : 14 May 2025 12:03  
 Operator : RC/JU  
 Sample : Q2000-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 38072-062223

Quant Time: May 14 12:28:25 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.618  | 152  | 1757     | 0.40   | ng    | 0.00      |
| 7) Naphthalene-d8           | 10.394 | 136  | 5094     | 0.40   | ng    | #-0.01    |
| 13) Acenaphthene-d10        | 14.267 | 164  | 3120     | 0.40   | ng    | 0.00      |
| 19) Phenanthrene-d10        | 17.021 | 188  | 6557     | 0.40   | ng    | # 0.01    |
| 29) Chrysene-d12            | 21.224 | 240  | 7178     | 0.40   | ng    | # 0.02    |
| 35) Perylene-d12            | 23.424 | 264  | 6518     | 0.40   | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 4) 2-Fluorophenol           | 5.213  | 112  | 1776     | 0.39   | ng    | 0.00      |
| 5) Phenol-d6                | 6.795  | 99   | 2191     | 0.38   | ng    | 0.00      |
| 8) Nitrobenzene-d5          | 8.760  | 82   | 2099     | 0.38   | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10 | 11.996 | 152  | 2850     | 0.40   | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol    | 15.767 | 330  | 476      | 0.35   | ng    | 0.00      |
| 15) 2-Fluorobiphenyl        | 12.888 | 172  | 5516     | 0.39   | ng    | 0.00      |
| 27) Fluoranthene-d10        | 19.054 | 212  | 7673     | 0.43   | ng    | 0.00      |
| 31) Terphenyl-d14           | 19.658 | 244  | 5469     | 0.36   | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 9) Naphthalene              | 10.447 | 128  | 1512205  | 100.46 | ng    | Qvalue 96 |
| 12) 2-Methylnaphthalene     | 12.077 | 142  | 1729364  | 178.63 | ng    | 98        |
| 16) Acenaphthylene          | 13.989 | 152  | 1122622  | 73.92  | ng    | 100       |
| 17) Acenaphthene            | 14.331 | 154  | 893602   | 90.05  | ng    | 95        |
| 18) Fluorene                | 15.325 | 166  | 1220508  | 93.76  | ng    | 98        |
| 25) Phenanthrene            | 17.058 | 178  | 2754841  | 128.55 | ng    | 99        |
| 26) Anthracene              | 17.145 | 178  | 1581373  | 81.09  | ng    | 99        |
| 28) Fluoranthene            | 19.091 | 202  | 2763340  | 107.95 | ng    | 99        |
| 30) Pyrene                  | 19.449 | 202  | 1364347  | 44.44  | ng    | 98        |
| 32) Benzo(a)anthracene      | 21.206 | 228  | 4673852  | 172.93 | ng    | 99        |
| 33) Chrysene                | 21.260 | 228  | 3329241  | 116.46 | ng    | 97        |
| 36) Indeno(1,2,3-cd)pyrene  | 25.669 | 276  | 3318399  | 124.66 | ng    | 96        |
| 37) Benzo(b)fluoranthene    | 22.781 | 252  | 5192757  | 192.07 | ng    | # 88      |
| 38) Benzo(k)fluoranthene    | 22.825 | 252  | 3351501  | 125.52 | ng    | # 90      |
| 39) Benzo(a)pyrene          | 23.339 | 252  | 3031565  | 132.19 | ng    | # 79      |
| 40) Dibenzo(a,h)anthracene  | 25.690 | 278  | 3885738  | 187.40 | ng    | # 89      |
| 41) Benzo(g,h,i)perylene    | 26.336 | 276  | 1647820  | 73.14  | ng    | 97        |

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

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