

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN051325\  
 Data File : BN036994.D  
 Acq On : 13 May 2025 13:23  
 Operator : RC/JU  
 Sample : Q1872-11  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 HW0425-PT-BNA-SOIL

Quant Time: May 13 14:01:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 12 18:05:36 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.618  | 152  | 1722     | 0.400   | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.404 | 136  | 4561     | 0.400   | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.267 | 164  | 2714     | 0.400   | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5807     | 0.400   | ng    | 0.00     |
| 29) Chrysene-d12              | 21.215 | 240  | 6224     | 0.400   | ng    | # 0.00   |
| 35) Perylene-d12              | 23.415 | 264  | 6495     | 0.400   | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.213  | 112  | 341114   | 76.855  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.795  | 99   | 471892   | 87.678  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.771  | 82   | 293159   | 60.981  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 0.000  | 152  | 0d       | 0.000   | ng    |          |
| 14) 2,4,6-Tribromophenol      | 15.767 | 330  | 137866   | 110.780 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.888 | 172  | 609066   | 48.060  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 0.000  | 212  | 0d       | 0.000   | ng    |          |
| 31) Terphenyl-d14             | 19.658 | 244  | 786500   | 55.825  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 10) Hexachlorobutadiene       | 10.746 | 225  | 347652   | 122.316 | ng    | # 99     |
| 16) Acenaphthylene            | 13.989 | 152  | 304012   | 22.917  | ng    | 99       |
| 17) Acenaphthene              | 14.331 | 154  | 387533   | 44.495  | ng    | 96       |
| 18) Fluorene                  | 15.325 | 166  | 1487131  | 127.337 | ng    | 97       |
| 21) 4-Bromophenyl-phenylether | 16.214 | 248  | 289492   | 76.764  | ng    | 96       |
| 24) Pentachlorophenol         | 16.674 | 266  | 246146   | 110.032 | ng    | 97       |
| 26) Anthracene                | 17.145 | 178  | 618835   | 35.496  | ng    | 100      |
| 28) Fluoranthene              | 19.091 | 202  | 2872240  | 127.869 | ng    | 98       |
| 33) Chrysene                  | 21.251 | 228  | 1282691  | 51.588  | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.144 | 149  | 2892320  | 199.487 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.649 | 276  | 1664420  | 64.864  | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.760 | 252  | 1064857  | 39.348  | ng    | # 89     |
| 39) Benzo(a)pyrene            | 23.322 | 252  | 659197   | 29.323  | ng    | # 82     |
| 40) Dibenzo(a,h)anthracene    | 25.655 | 278  | 705754   | 35.256  | ng    | # 88     |
| 41) Benzo(g,h,i)perylene      | 26.321 | 276  | 866307   | 39.060  | ng    | 95       |

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

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