

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
 Data File : BF142438.D  
 Acq On : 16 May 2025 20:38  
 Operator : RC/JU  
 Sample : Q2043-01 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 281

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025  
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 17 01:40:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 99642    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 340109   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.957  | 164  | 106056   | 20.000 | ng    | 0.01     |
| 64) Phenanthrene-d10          | 11.492 | 188  | 110189   | 20.000 | ng    | # 0.06   |
| 76) Chrysene-d12              | 14.104 | 240  | 134693   | 20.000 | ng    | # 0.04   |
| 86) Perylene-d12              | 15.574 | 264  | 156682   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 201305   | 34.488 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 231090   | 32.189 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 133648   | 23.965 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 45742    | 44.672 | ng    | 0.03     |
| 45) 2-Fluorobiphenyl          | 9.263  | 172  | 252759   | 33.982 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.080 | 244  | 126209   | 13.869 | ng    | 0.06     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 37) 2-Methylnaphthalene       | 8.898  | 142  | 57430    | 5.607  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.998  | 142  | 51241    | 4.800  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 9.363  | 154  | 64173    | 7.892  | ng    | 94       |
| 71) Phenanthrene              | 11.516 | 178  | 106306   | 18.405 | ng    | # 1      |
| 75) Fluoranthene              | 12.733 | 202  | 84175    | 14.579 | ng    | # 46     |
| 78) Pyrene                    | 12.957 | 202  | 78261m   | 6.528  | ng    |          |
| 81) Benzo(a)anthracene        | 14.098 | 228  | 59947    | 6.872  | ng    | # 84     |
| 83) Chrysene                  | 14.127 | 228  | 57085    | 7.030  | ng    | # 84     |
| 84) Bis(2-ethylhexyl)phtha... | 14.062 | 149  | 149864   | 34.225 | ng    | # 89     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.068 | 276  | 35059    | 3.217  | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 15.139 | 252  | 84829m   | 8.939  | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.151 | 252  | 32396m   | 3.730  | ng    |          |
| 90) Benzo(a)pyrene            | 15.509 | 252  | 57164    | 6.722  | ng    | # 74     |
| 92) Benzo(g,h,i)perylene      | 17.521 | 276  | 34398    | 3.849  | ng    | 92       |
| -----                         |        |      |          |        |       |          |

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

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