

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040325\  
 Data File : BN036820.D  
 Acq On : 03 Apr 2025 13:37  
 Operator : RC/JU  
 Sample : Q1697-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-19B-72-040125

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025  
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 14:09:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.696  | 152  | 3191     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.477 | 136  | 7703     | 0.400 | ng    | #-0.03   |
| 13) Acenaphthene-d10          | 14.334 | 164  | 4532     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.074 | 188  | 9506     | 0.400 | ng    | #-0.04   |
| 29) Chrysene-d12              | 21.268 | 240  | 8074     | 0.400 | ng    | -0.03    |
| 35) Perylene-d12              | 23.513 | 264  | 7150     | 0.400 | ng    | #-0.04   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000 | ng    |          |
| 5) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000 | ng    |          |
| 8) Nitrobenzene-d5            | 8.843  | 82   | 2283     | 0.272 | ng    | -0.03    |
| 11) 2-Methylnaphthalene-d10   | 12.070 | 152  | 3723     | 0.325 | ng    | -0.04    |
| 14) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000 | ng    |          |
| 15) 2-Fluorobiphenyl          | 12.953 | 172  | 8110     | 0.308 | ng    | -0.04    |
| 27) Fluoranthene-d10          | 19.113 | 212  | 10192    | 0.418 | ng    | -0.03    |
| 31) Terphenyl-d14             | 19.717 | 244  | 8517     | 0.440 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.218  | 88   | 22726    | 6.420 | ng    | 99       |
| 9) Naphthalene                | 10.530 | 128  | 4412     | 0.195 | ng    | 97       |
| 12) 2-Methylnaphthalene       | 12.146 | 142  | 676      | 0.047 | ng    | # 93     |
| 17) Acenaphthene              | 14.398 | 154  | 1967     | 0.141 | ng    | 99       |
| 18) Fluorene                  | 15.382 | 166  | 2050     | 0.108 | ng    | 98       |
| 25) Phenanthrene              | 17.124 | 178  | 31370    | 1.100 | ng    | 100      |
| 26) Anthracene                | 17.211 | 178  | 1433m    | 0.056 | ng    |          |
| 28) Fluoranthene              | 19.146 | 202  | 17850    | 0.557 | ng    | 100      |
| 30) Pyrene                    | 19.508 | 202  | 12122    | 0.307 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.259 | 228  | 901      | 0.032 | ng    | # 89     |
| 33) Chrysene                  | 21.304 | 228  | 1348     | 0.044 | ng    | # 89     |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 1663     | 0.083 | ng    | # 97     |
| -----                         |        |      |          |       |       |          |

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

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