

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050422\  
 Data File : BN019687.D  
 Acq On : 05 May 2022 06:05  
 Operator : CG/JU  
 Sample : N2680-03  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 B2-0-2

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 07:02:01 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN050422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 04 15:20:22 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.869  | 152  | 5242     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 15275    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.484 | 164  | 8065     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 15578    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.404 | 240  | 12585    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.747 | 264  | 10647    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.449  | 112  | 2969     | 0.243 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 3556     | 0.237 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2727m    | 0.220 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 6110     | 0.245 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.964 | 330  | 559      | 0.187 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8141     | 0.234 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.248 | 212  | 11861    | 0.275 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.847 | 244  | 7295     | 0.247 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 25) Phenanthrene              | 17.256 | 178  | 5001m    | 0.097 | ng    |          |
| 28) Fluoranthene              | 19.278 | 202  | 10666    | 0.198 | ng    | 99       |
| 30) Pyrene                    | 19.636 | 202  | 9707     | 0.187 | ng    | # 96     |
| 32) Benzo(a)anthracene        | 21.386 | 228  | 4473     | 0.100 | ng    | 96       |
| 33) Chrysene                  | 21.440 | 228  | 4936     | 0.101 | ng    | # 96     |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 3750     | 0.159 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.147 | 276  | 2483     | 0.051 | ng    | 93       |
| 37) Benzo(b)fluoranthene      | 23.036 | 252  | 5543     | 0.126 | ng    | # 85     |
| 38) Benzo(k)fluoranthene      | 23.077 | 252  | 2093m    | 0.045 | ng    |          |
| 39) Benzo(a)pyrene            | 23.638 | 252  | 3723     | 0.112 | ng    | # 88     |
| 41) Benzo(g,h,i)perylene      | 26.892 | 276  | 2569     | 0.066 | ng    | # 87     |
| -----                         |        |      |          |       |       |          |

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

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