

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080924\  
 Data File : BN033326.D  
 Acq On : 09 Aug 2024 20:44  
 Operator : MA/JU  
 Sample : P3512-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 931-K1-SD-0-0.5-080724

Quant Time: Aug 10 01:09:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN080724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 08 04:39:01 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
 Supervised By :mohammad ahmed 08/12/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.587  | 152  | 4202     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.349 | 136  | 11866    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.212 | 164  | 6523     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.971 | 188  | 15734    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.174 | 240  | 14597    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.352 | 264  | 17622    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.204  | 112  | 2640     | 0.239 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.757  | 99   | 3710     | 0.245 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.715  | 82   | 1927     | 0.266 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.943 | 152  | 3603     | 0.195 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.704 | 330  | 511      | 0.194 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.844 | 172  | 5623     | 0.229 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.007 | 212  | 7554     | 0.174 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.625 | 244  | 4601     | 0.183 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 25) Phenanthrene              | 17.008 | 178  | 3872     | 0.085 | ng    | 99       |
| 28) Fluoranthene              | 19.035 | 202  | 12931    | 0.225 | ng    | 100      |
| 30) Pyrene                    | 19.397 | 202  | 10579    | 0.184 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.157 | 228  | 4591     | 0.081 | ng    | 92       |
| 33) Chrysene                  | 21.201 | 228  | 6758     | 0.123 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.130 | 149  | 927      | 0.032 | ng    | # 97     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.527 | 276  | 4971     | 0.064 | ng    | 93       |
| 37) Benzo(b)fluoranthene      | 22.706 | 252  | 10932    | 0.167 | ng    | # 88     |
| 38) Benzo(k)fluoranthene      | 22.747 | 252  | 4115m    | 0.065 | ng    |          |
| 39) Benzo(a)pyrene            | 23.258 | 252  | 5522     | 0.095 | ng    | # 81     |
| 41) Benzo(g,h,i)perylene      | 26.185 | 276  | 5702     | 0.086 | ng    | 91       |
| -----                         |        |      |          |       |       |          |

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

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