

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082224\  
 Data File : BN033566.D  
 Acq On : 22 Aug 2024 23:52  
 Operator : MA/JU  
 Sample : P3671-14  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 S-912-J-SO-0.5-1-081924

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024  
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 01:35:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 23 00:22:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.545  | 152  | 7004     | 0.400 | ng     | 0.00     |
| 7) Naphthalene-d8             | 10.304 | 136  | 17932    | 0.400 | ng     | 0.00     |
| 13) Acenaphthene-d10          | 14.178 | 164  | 8339     | 0.400 | ng     | 0.00     |
| 19) Phenanthrene-d10          | 16.929 | 188  | 15941    | 0.400 | ng     | 0.00     |
| 29) Chrysene-d12              | 21.139 | 240  | 12739    | 0.400 | ng     | 0.00     |
| 35) Perylene-d12              | 23.303 | 264  | 14091    | 0.400 | ng     | 0.00     |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) 2-Fluorophenol             | 5.183  | 112  | 2850     | 0.128 | ng     | 0.00     |
| 5) Phenol-d6                  | 6.729  | 99   | 3436     | 0.130 | ng     | 0.00     |
| 8) Nitrobenzene-d5            | 8.681  | 82   | 2456     | 0.165 | ng     | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.903 | 152  | 3335     | 0.130 | ng     | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.676 | 330  | 510      | 0.114 | ng     | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.799 | 172  | 4495     | 0.132 | ng     | 0.00     |
| 27) Fluoranthene-d10          | 18.970 | 212  | 3658     | 0.095 | ng     | 0.00     |
| 31) Terphenyl-d14             | 19.583 | 244  | 2336     | 0.081 | ng     | 0.00     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       | Qvalue |          |
| 25) Phenanthrene              | 16.966 | 178  | 1553m    | 0.035 | ng     |          |
| 28) Fluoranthene              | 19.003 | 202  | 3312     | 0.068 | ng     | 96       |
| 30) Pyrene                    | 19.365 | 202  | 3002     | 0.053 | ng     | # 94     |
| 32) Benzo(a)anthracene        | 21.121 | 228  | 1564     | 0.034 | ng     | # 86     |
| 33) Chrysene                  | 21.175 | 228  | 1927     | 0.042 | ng     | # 90     |
| 34) Bis(2-ethylhexyl)phtha... | 21.085 | 149  | 1704m    | 0.058 | ng     |          |
| 36) Indeno(1,2,3-cd)pyrene    | 25.449 | 276  | 1204     | 0.021 | ng     | 97       |
| 37) Benzo(b)fluoranthene      | 22.660 | 252  | 2721     | 0.052 | ng     | # 21     |
| 39) Benzo(a)pyrene            | 23.206 | 252  | 1561     | 0.036 | ng     | # 1      |
| 41) Benzo(g,h,i)perylene      | 26.104 | 276  | 1201     | 0.024 | ng     | # 51     |
| -----                         |        |      |          |       |        |          |

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

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