

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032219\  
 Data File : BN004893.D  
 Acq On : 22 Mar 2019 20:48  
 Operator : JU/SJ  
 Sample : K1842-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C-MW-10\_030719

Manual Integrations  
 APPROVED

Sohil  
 3/25/2019 8:57:29 AM

Quant Time: Mar 25 08:23:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 20 16:06:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.69  | 152  | 2996     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8              | 10.48 | 136  | 12695    | 0.40  | ng    | -0.01    |
| 13) Acenaphthene-d10           | 14.33 | 164  | 7456     | 0.40  | ng    | -0.01    |
| 19) Phenanthrene-d10           | 17.09 | 188  | 19004    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12               | 21.29 | 240  | 25147    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12               | 23.54 | 264  | 25835    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 4) 2-Fluorophenol              | 5.28  | 112  | 1327     | 0.16  | ng    | 0.00     |
| 5) Phenol-d6                   | 6.87  | 99   | 1237     | 0.12  | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 8.86  | 82   | 2822     | 0.34  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10    | 12.07 | 152  | 7667     | 0.35  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 15.84 | 330  | 1717     | 0.33  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl           | 12.95 | 172  | 12126    | 0.39  | ng    | -0.01    |
| 25) Fluoranthene-d10           | 19.12 | 212  | 24532    | 0.39  | ng    | 0.00     |
| 29) Terphenyl-d14              | 19.72 | 244  | 27172    | 0.53  | ng    | 0.00     |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 23) Phenanthrene               | 17.13 | 178  | 11502    | 0.187 | ng    | 99       |
| 26) Fluoranthene               | 19.15 | 202  | 36778    | 0.466 | ng    | 99       |
| 28) Pyrene                     | 19.52 | 202  | 28220    | 0.368 | ng    | 96       |
| 30) Benzo(a)anthracene         | 21.27 | 228  | 10031    | 0.122 | ng    | 95       |
| 31) Chrysene                   | 21.32 | 228  | 20056    | 0.231 | ng    | 98       |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 3217     | 0.098 | ng    | 97       |
| 33) Indeno(1,2,3-cd)pyrene     | 25.81 | 276  | 14524    | 0.116 | ng    | 97       |
| 35) Benzo(b)fluoranthene       | 22.86 | 252  | 30595    | 0.327 | ng    | # 96     |
| 36) Benzo(k)fluoranthene       | 22.90 | 252  | 9747m    | 0.106 | ng    |          |
| 37) Benzo(a)pyrene             | 23.44 | 252  | 13892    | 0.162 | ng    | # 92     |
| 39) Benzo(a,h,i)perylene       | 26.51 | 276  | 15186    | 0.150 | ng    | 97       |

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

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