

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011421\  
 Data File : BN013409.D  
 Acq On : 14 Jan 2021 13:34  
 Operator : CG/JU  
 Sample : L5214-04  
 Misc : SFAM-SIMMDL-S-02  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-SOIL-QT1-2021-02

Quant Time: Jan 14 16:23:00 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN010621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 14 10:44:35 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 4889     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.36 | 136  | 18081    | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.22 | 164  | 9227     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.96 | 188  | 19212    | 0.40   | ng/ul  | 0.00     |
| 19) Chrysene-d12            | 21.16 | 240  | 16504    | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.32 | 264  | 16617    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.20  | 96   | 2752     | 0.53   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.95 | 152  | 7992     | 0.29   | ng/ul  | 0.00     |
| 17) Fluoranthene-d10        | 19.00 | 212  | 14231    | 0.28   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.24  | 88   | 404      | 0.079  | ng/ul# | 68       |
| 5) Naphthalene              | 10.41 | 128  | 3166     | 0.062  | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.02 | 142  | 2044     | 0.060  | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.24 | 142  | 1929     | 0.060  | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.94 | 152  | 2265     | 0.056  | ng/ul  | 96       |
| 11) Acenaphthene            | 14.28 | 153  | 2029     | 0.061  | ng/ul  | 96       |
| 12) Fluorene                | 15.27 | 166  | 2214     | 0.058  | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.62 | 266  | 272      | 0.070  | ng/ul  | 97       |
| 15) Phenanthrene            | 17.00 | 178  | 3993     | 0.066  | ng/ul  | 95       |
| 16) Anthracene              | 17.10 | 178  | 3045     | 0.057  | ng/ul# | 92       |
| 18) Fluoranthene            | 19.03 | 202  | 4821     | 0.068  | ng/ul  | 98       |
| 20) Pyrene                  | 19.39 | 202  | 4774     | 0.072  | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 21.14 | 228  | 3975     | 0.066  | ng/ul  | 98       |
| 22) Chrysene                | 21.19 | 228  | 4844     | 0.073  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.68 | 252  | 4787     | 0.072  | ng/ul  | 80       |
| 25) Benzo(k)fluoranthene    | 22.72 | 252  | 5746     | 0.087  | ng/ul# | 25       |
| 26) Benzo(a)pyrene          | 23.23 | 252  | 4315     | 0.076  | ng/ul# | 65       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.48 | 276  | 5896     | 0.081  | ng/ul# | 47       |
| 28) Dibenzo(a,h)anthracene  | 25.50 | 278  | 4543     | 0.074  | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 26.14 | 276  | 4672     | 0.073  | ng/ul  | 92       |

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

