

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110720\  
 Data File : BM027742.D  
 Acq On : 07 Nov 2020 03:23  
 Operator : JU/CG  
 Sample : L4485-07  
 Misc : SFAM-SIM-MDL-S-08  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-SOIL-07

Quant Time: Nov 07 03:55:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM110520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 07 02:24:33 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.397  | 152  | 452      | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 11.234 | 136  | 1505     | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 15.005 | 164  | 929      | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.718 | 188  | 2056     | 0.40 | ng/ul  | 0.00     |
| 19) Chrysene-d12            | 21.815 | 240  | 1714     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.259 | 264  | 1538     | 0.40 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.542  | 96   | 238      | 0.51 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.794 | 152  | 662      | 0.26 | ng/ul  | 0.00     |
| 17) Fluoranthene-d10        | 19.703 | 212  | 1421     | 0.26 | ng/ul  | 0.00     |
|                             |        |      |          |      |        |          |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.580  | 88   | 43       | 0.09 | ng/ul  | 90       |
| 5) Naphthalene              | 11.288 | 128  | 303      | 0.07 | ng/ul# | 67       |
| 7) 2-Methylnaphthalene      | 12.866 | 142  | 200      | 0.07 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 13.082 | 142  | 183      | 0.07 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.732 | 152  | 272      | 0.07 | ng/ul# | 68       |
| 11) Acenaphthene            | 15.066 | 153  | 207      | 0.07 | ng/ul  | 90       |
| 12) Fluorene                | 16.036 | 166  | 243      | 0.07 | ng/ul# | 94       |
| 14) Pentachlorophenol       | 17.360 | 266  | 51       | 0.08 | ng/ul  | 93       |
| 15) Phenanthrene            | 17.759 | 178  | 445      | 0.07 | ng/ul# | 83       |
| 16) Anthracene              | 17.846 | 178  | 392      | 0.07 | ng/ul# | 77       |
| 18) Fluoranthene            | 19.733 | 202  | 626      | 0.09 | ng/ul# | 82       |
| 20) Pyrene                  | 20.088 | 202  | 588      | 0.09 | ng/ul# | 80       |
| 21) Benzo(a)anthracene      | 21.796 | 228  | 520      | 0.08 | ng/ul# | 83       |
| 22) Chrysene                | 21.854 | 228  | 532      | 0.08 | ng/ul# | 92       |
| 24) Benzo(b)fluoranthene    | 23.511 | 252  | 510      | 0.08 | ng/ul# | 70       |
| 25) Benzo(k)fluoranthene    | 23.562 | 252  | 470      | 0.08 | ng/ul# | 66       |
| 26) Benzo(a)pyrene          | 24.150 | 252  | 441      | 0.08 | ng/ul# | 66       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.794 | 276  | 503      | 0.08 | ng/ul# | 72       |
| 28) Dibenzo(a,h)anthracene  | 26.811 | 278  | 405      | 0.07 | ng/ul# | 59       |
| 29) Benzo(g,h,i)perylene    | 27.569 | 276  | 414      | 0.07 | ng/ul# | 68       |
| -----                       |        |      |          |      |        |          |

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

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