

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN030518\  
 Data File : BN000246.D  
 Acq On : 05 Mar 2018 15:43  
 Operator : JU/SJ  
 Sample : MDL-SIM-S-01  
 Misc : 0.07 PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-SIM-S-01

Quant Time: Mar 05 16:18:01 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\Methods\SOM-EPA-SIM-BN030218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 05 15:16:04 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.45  | 152  | 4556     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.29 | 136  | 14451    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.06 | 164  | 6028     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.78 | 188  | 13231    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.89 | 240  | 7094     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.37 | 264  | 5575     | 0.40 | ng/ul | -0.01    |

|                             |       |     |       |      |       |      |
|-----------------------------|-------|-----|-------|------|-------|------|
| System Monitoring Compounds |       |     |       |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.85 | 152 | 6765  | 0.36 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.77 | 212 | 10673 | 0.35 | ng/ul | 0.00 |

|                            |       |     |      |        |        |    |
|----------------------------|-------|-----|------|--------|--------|----|
| Target Compounds           |       |     |      | Qvalue |        |    |
| 3) Naphthalene             | 11.34 | 128 | 2867 | 0.062  | ng/ul# | 91 |
| 5) 2-Methylnaphthalene     | 12.92 | 142 | 1720 | 0.059  | ng/ul  | 99 |
| 7) Acenaphthylene          | 14.79 | 152 | 1785 | 0.060  | ng/ul  | 98 |
| 8) Acenaphthene            | 15.12 | 153 | 1733 | 0.060  | ng/ul  | 94 |
| 9) Fluorene                | 16.10 | 166 | 1819 | 0.058  | ng/ul  | 91 |
| 11) Pentachlorophenol      | 17.42 | 266 | 111  | 0.042  | ng/ul  | 97 |
| 12) Phenanthrene           | 17.82 | 178 | 3185 | 0.059  | ng/ul# | 89 |
| 13) Anthracene             | 17.91 | 178 | 2178 | 0.054  | ng/ul# | 92 |
| 15) Fluoranthene           | 19.80 | 202 | 2995 | 0.057  | ng/ul  | 62 |
| 17) Pyrene                 | 20.15 | 202 | 2882 | 0.069  | ng/ul# | 55 |
| 18) Benzo(a)anthracene     | 21.87 | 228 | 1672 | 0.060  | ng/ul# | 84 |
| 19) Chrysene               | 21.93 | 228 | 2613 | 0.069  | ng/ul  | 95 |
| 21) Benzo(b)fluoranthene   | 23.61 | 252 | 2055 | 0.061  | ng/ul  | 81 |
| 22) Benzo(k)fluoranthene   | 23.66 | 252 | 1880 | 0.059  | ng/ul# | 69 |
| 23) Benzo(a)pyrene         | 24.26 | 252 | 1486 | 0.057  | ng/ul# | 69 |
| 24) Indeno(1,2,3-cd)pyrene | 26.92 | 276 | 1664 | 0.056  | ng/ul# | 78 |
| 25) Dibenzo(a,h)anthracene | 26.93 | 278 | 1060 | 0.050  | ng/ul# | 64 |
| 26) Benzo(g,h,i)perylene   | 27.70 | 276 | 1723 | 0.059  | ng/ul# | 72 |

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

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