

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\  
 Data File : BN002250.D  
 Acq On : 08 Aug 2018 14:11  
 Operator : JU/SJ  
 Sample : J4268-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: Aug 09 03:40:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 09 02:16:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 233581   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 977772   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 474105   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 878609   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 793991   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.49 | 264  | 831231   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 14455  | 2.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 311478 | 14.16 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 216743 | 16.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 266936 | 15.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 234280 | 13.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 132035 | 16.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 140573 | 15.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 236870 | 14.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 276288 | 14.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 675546 | 16.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 876889 | 17.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 60172  | 7.84  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 550519 | 15.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 59521  | 10.40 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 752413 | 17.56 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.46 | 212 | 758681 | 18.38 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.35 | 264 | 765831 | 17.06 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 28) Naphthalene            | 10.51 | 128 | 77434   | 1.499  | ng/ul  | 99 |
| 44) Dimethylphthalate      | 13.77 | 163 | 469979  | 11.939 | ng/ul  | 99 |
| 69) Phenanthrene           | 17.10 | 178 | 402236  | 8.152  | ng/ul  | 99 |
| 71) Anthracene             | 17.20 | 178 | 85087   | 1.693  | ng/ul  | 98 |
| 76) Fluoranthene           | 19.13 | 202 | 945802  | 18.062 | ng/ul  | 99 |
| 79) Pyrene                 | 19.49 | 202 | 751318  | 14.746 | ng/ul  | 98 |
| 82) Benzo(a)anthracene     | 21.25 | 228 | 363936  | 7.196  | ng/ul  | 98 |
| 84) Chrysene               | 21.30 | 228 | 434782  | 9.224  | ng/ul  | 97 |
| 87) Benzo(b)fluoranthene   | 22.83 | 252 | 694940  | 13.584 | ng/ul  | 98 |
| 88) Benzo(k)fluoranthene   | 22.86 | 252 | 185724m | 3.821  | ng/ul  |    |
| 90) Benzo(a)pyrene         | 23.39 | 252 | 433302  | 8.914  | ng/ul  | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 363155  | 6.463  | ng/ul# | 92 |
| 92) Dibenzo(a,h)anthracene | 25.72 | 278 | 80053   | 1.702  | ng/ul# | 79 |
| 93) Benzo(g,h,i)perylene   | 26.39 | 276 | 339410  | 7.188  | ng/ul  | 99 |

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

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