

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\  
 Data File : BN002961.D  
 Acq On : 05 Oct 2018 11:37  
 Operator : MJ/SJ  
 Sample : J5183-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 06 01:38:46 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 06 01:07:30 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 142523   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 642232   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 376289   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 786895   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.23 | 240  | 562541   | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.45 | 264  | 549491   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 7677   | 2.48  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 203756 | 16.83 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 127724 | 16.99 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 178147 | 17.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 161231 | 17.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 89491  | 17.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 104652 | 18.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 188166 | 18.52 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 140640 | 11.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 585354 | 19.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 786917 | 20.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 68520  | 14.07 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.26 | 176 | 561248 | 21.75 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 26011  | 5.28  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 813496 | 21.65 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.43 | 212 | 717497 | 24.17 | ng/ul | 0.01 |
| 89) Benzo(a)pyrene-d12         | 23.31 | 264 | 623561 | 21.56 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |         | Ovalue    |
|--------------------------------|-------|-----|---------|---------|-----------|
| 6) Phenol                      | 6.85  | 94  | 31913   | 2.615   | ng/ul 96  |
| 14) Acetophenone               | 8.45  | 105 | 21370   | 1.480   | ng/ul 99  |
| 44) Dimethylphthalate          | 13.72 | 163 | 611911  | 21.286  | ng/ul 99  |
| 49) Acenaphthene               | 14.33 | 153 | 28328   | 1.107   | ng/ul 98  |
| 69) Phenanthrene               | 17.06 | 178 | 426057  | 9.827   | ng/ul 99  |
| 71) Anthracene                 | 17.15 | 178 | 91139   | 2.073   | ng/ul 98  |
| 74) Carbazole                  | 17.43 | 167 | 106243  | 2.816   | ng/ul 98  |
| 75) Di-n-butylphthalate        | 17.99 | 149 | 214429  | 4.737   | ng/ul 98  |
| 76) Fluoranthene               | 19.09 | 202 | 1495512 | 32.336  | ng/ul 100 |
| 79) Pyrene                     | 19.46 | 202 | 1453784 | 39.086  | ng/ul 98  |
| 80) Butylbenzylphthalate       | 20.36 | 149 | 377401  | 24.384  | ng/ul 97  |
| 82) Benzo(a)anthracene         | 21.22 | 228 | 1015078 | 29.006  | ng/ul 98  |
| 83) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 1557549 | 69.319  | ng/ul 98  |
| 84) Chrysene                   | 21.27 | 228 | 5507118 | 167.894 | ng/ul 97  |
| 86) Di-n-octyl phthalate       | 22.03 | 149 | 787428  | 21.680  | ng/ul# 80 |
| 87) Benzo(b)fluoranthene       | 22.80 | 252 | 3488691 | 103.959 | ng/ul# 94 |
| 88) Benzo(k)fluoranthene       | 22.83 | 252 | 841357m | 26.874  | ng/ul     |
| 90) Benzo(a)pyrene             | 23.36 | 252 | 539498  | 17.005  | ng/ul# 91 |
| 91) Indeno(1,2,3-cd)pyrene     | 25.67 | 276 | 949515  | 25.280  | ng/ul 97  |
| 92) Dibenzo(a,h)anthracene     | 25.66 | 278 | 303694  | 9.596   | ng/ul# 90 |
| 93) Benzo(a,h,i)perylene       | 26.34 | 276 | 1118731 | 35.631  | ng/ul 98  |

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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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