

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\  
 Data File : BN002017.D  
 Acq On : 11 Jul 2018 18:57  
 Operator : JU/SJ  
 Sample : J3775-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAZP9

Manual Integrations  
 APPROVED

Sohil  
 7/12/2018 3:03:58 PM

Quant Time: Jul 12 00:00:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 11 22:41:21 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 586668   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.49 | 136  | 2624292  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.35 | 164  | 1470342  | 20.00 | ng/ul | 0.01     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 3038546  | 20.00 | ng/ul | 0.01     |
| 75) Chrysene-d12          | 21.30 | 240  | 2017628  | 20.00 | ng/ul | 0.02     |
| 83) Perylene-d12          | 23.55 | 264  | 1966924  | 20.00 | ng/ul | 0.04     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 53046m  | 3.93  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.90  | 99  | 1307670 | 24.63 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 832828  | 25.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 1085510 | 25.79 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 1076166 | 25.30 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 555824  | 28.52 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.58  | 143 | 630570  | 31.26 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 1116989 | 25.94 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 825031  | 18.51 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.76 | 166 | 3307358 | 26.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 4213202 | 27.49 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 394916  | 17.27 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.34 | 176 | 2893060 | 26.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 282970  | 17.10 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.19 | 188 | 4150989 | 28.27 | ng/ul | 0.01 |
| 76) Pyrene-d10                 | 19.50 | 212 | 3833995 | 37.70 | ng/ul | 0.02 |
| 87) Benzo(a)pyrene-d12         | 23.41 | 264 | 3035084 | 28.37 | ng/ul | 0.04 |

## Target Compounds

|                                |       |     |          | Ovalue        |    |
|--------------------------------|-------|-----|----------|---------------|----|
| 6) Phenol                      | 6.92  | 94  | 77475    | 1.447 ng/ul#  | 92 |
| 44) Dimethylphthalate          | 13.80 | 163 | 880075   | 7.212 ng/ul   | 98 |
| 47) Acenaphthylene             | 14.06 | 152 | 464162   | 3.137 ng/ul   | 98 |
| 49) Acenaphthene               | 14.40 | 153 | 104396   | 1.017 ng/ul   | 99 |
| 53) Dibenzofuran               | 14.75 | 168 | 205546   | 1.396 ng/ul   | 95 |
| 58) Fluorene                   | 15.39 | 166 | 133899   | 1.140 ng/ul   | 97 |
| 69) Phenanthrene               | 17.13 | 178 | 5683409  | 33.204 ng/ul  | 99 |
| 71) Anthracene                 | 17.23 | 178 | 1108380  | 6.397 ng/ul   | 98 |
| 72) Carbazole                  | 17.50 | 167 | 723667   | 4.986 ng/ul   | 97 |
| 73) Di-n-butylphthalate        | 18.07 | 149 | 1305807  | 7.125 ng/ul   | 99 |
| 74) Fluoranthene               | 19.16 | 202 | 10275395 | 57.110 ng/ul# | 88 |
| 77) Pyrene                     | 19.53 | 202 | 8580308  | 67.956 ng/ul# | 85 |
| 80) Benzo(a)anthracene         | 21.29 | 228 | 4571311  | 35.849 ng/ul  | 96 |
| 81) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 744542   | 9.267 ng/ul   | 98 |
| 82) Chrysene                   | 21.34 | 228 | 4748887  | 40.026 ng/ul  | 97 |
| 85) Benzo(b)fluoranthene       | 22.89 | 252 | 6300448  | 50.716 ng/ul# | 93 |
| 86) Benzo(k)fluoranthene       | 22.92 | 252 | 2092697m | 17.372 ng/ul  |    |
| 88) Benzo(a)pyrene             | 23.46 | 252 | 4029049  | 34.706 ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene     | 25.80 | 276 | 3164384  | 25.617 ng/ul# | 84 |
| 90) Dibenzo(a,h)anthracene     | 25.80 | 278 | 883320   | 8.592 ng/ul#  | 84 |
| 91) Benzo(a,h,i)perylene       | 26.49 | 276 | 2770652  | 27.190 ng/ul# | 92 |

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

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