

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100618\  
 Data File : BN002971.D  
 Acq On : 05 Oct 2018 20:10  
 Operator : MJ/SJ  
 Sample : J5230-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3Z04

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 5:53:36 PM

Quant Time: Oct 06 03:42:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 06 02:55:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 137935   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 645263   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 388387   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 862158   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.22 | 240  | 839272   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.43 | 264  | 646291   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 11253   | 3.76  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 269090  | 22.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 168656  | 23.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 225981  | 23.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 205611  | 22.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 118780  | 23.76 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 146462  | 25.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 245789  | 24.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 248007  | 20.99 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.68 | 166 | 770323  | 25.34 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.96 | 160 | 975475  | 24.57 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 97440   | 19.38 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 672164  | 25.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 106559  | 19.76 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.12 | 188 | 1001015 | 24.32 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.42 | 212 | 1081475 | 24.42 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.30 | 264 | 848832  | 24.95 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |               | Qvalue |
|----------------------------|-------|-----|---------|---------------|--------|
| 6) Phenol                  | 6.85  | 94  | 54463   | 4.611 ng/ul   | 98     |
| 44) Dimethylphthalate      | 13.73 | 163 | 245709  | 8.281 ng/ul   | 99     |
| 47) Acenaphthylene         | 13.99 | 152 | 76036   | 2.039 ng/ul   | 98     |
| 69) Phenanthrene           | 17.06 | 178 | 130239  | 2.742 ng/ul   | 99     |
| 71) Anthracene             | 17.15 | 178 | 57956   | 1.203 ng/ul   | 99     |
| 75) Di-n-butylphthalate    | 17.99 | 149 | 158144  | 3.189 ng/ul   | 99     |
| 76) Fluoranthene           | 19.09 | 202 | 496279  | 9.794 ng/ul   | 99     |
| 79) Pyrene                 | 19.45 | 202 | 448189  | 8.077 ng/ul   | 97     |
| 82) Benzo(a)anthracene     | 21.21 | 228 | 258832  | 4.957 ng/ul   | 96     |
| 84) Chrysene               | 21.26 | 228 | 322316  | 6.586 ng/ul   | 98     |
| 87) Benzo(b)fluoranthene   | 22.78 | 252 | 422698  | 10.709 ng/ul# | 96     |
| 88) Benzo(k)fluoranthene   | 22.82 | 252 | 102178m | 2.775 ng/ul   |        |
| 90) Benzo(a)pyrene         | 23.34 | 252 | 170949  | 4.581 ng/ul   | 96     |
| 91) Indeno(1,2,3-cd)pyrene | 25.64 | 276 | 130496  | 2.954 ng/ul   | 96     |
| 92) Dibenzo(a,h)anthracene | 25.64 | 278 | 39368   | 1.058 ng/ul#  | 77     |
| 93) Benzo(g,h,i)perylene   | 26.32 | 276 | 105129  | 2.847 ng/ul   | 97     |

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

