

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\  
 Data File : BN000607.D  
 Acq On : 24 Mar 2018 08:01  
 Operator : JU/SJ  
 Sample : J1951-04  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 26 01:49:02 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 26 01:26:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 168178   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.25 | 136  | 747287   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.03 | 164  | 410633   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.75 | 188  | 888909   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 895077   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.35 | 264  | 804060   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 20239   | 4.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 385864  | 24.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.71  | 67  | 237474  | 26.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.93  | 132 | 295635  | 24.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 299830  | 24.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.59  | 128 | 142486  | 23.48 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.32 | 143 | 152996  | 24.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.86 | 165 | 271526  | 24.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 333348  | 28.82 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 818610  | 25.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.72 | 160 | 1074692 | 25.11 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.21 | 143 | 96438   | 16.01 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.01 | 176 | 714874  | 25.86 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.12 | 200 | 65350   | 12.84 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.85 | 188 | 1069383 | 25.03 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.11 | 212 | 1186138 | 24.01 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.20 | 264 | 990626  | 26.10 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         | Ovalue |           |
|----------------------------|-------|-----|---------|--------|-----------|
| 44) Dimethylphthalate      | 14.46 | 163 | 228127  | 7.109  | ng/ul# 97 |
| 69) Phenanthrene           | 17.80 | 178 | 602002  | 11.756 | ng/ul 100 |
| 71) Anthracene             | 17.88 | 178 | 116944  | 2.227  | ng/ul 98  |
| 72) Carbazole              | 18.15 | 167 | 71641   | 1.591  | ng/ul# 97 |
| 74) Fluoranthene           | 19.78 | 202 | 1239258 | 24.353 | ng/ul# 81 |
| 77) Pyrene                 | 20.14 | 202 | 1025059 | 15.679 | ng/ul# 77 |
| 80) Benzo(a)anthracene     | 21.86 | 228 | 547832  | 9.186  | ng/ul 99  |
| 82) Chrysene               | 21.91 | 228 | 539954  | 9.658  | ng/ul 98  |
| 85) Benzo(b)fluoranthene   | 23.60 | 252 | 667345  | 13.135 | ng/ul# 93 |
| 86) Benzo(k)fluoranthene   | 23.64 | 252 | 249054m | 5.078  | ng/ul     |
| 88) Benzo(a)pyrene         | 24.25 | 252 | 446597  | 9.340  | ng/ul# 92 |
| 89) Indeno(1,2,3-cd)pyrene | 26.91 | 276 | 268803  | 5.213  | ng/ul# 87 |
| 90) Dibenzo(a,h)anthracene | 26.91 | 278 | 65984   | 1.536  | ng/ul# 79 |
| 91) Benzo(g,h,i)perylene   | 27.69 | 276 | 247553  | 5.778  | ng/ul# 87 |

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

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