

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN070518\  
 Data File : BN001978.D  
 Acq On : 05 Jul 2018 21:27  
 Operator : JU/SJ  
 Sample : J3721-22DL 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F1H23DL

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:19:53 PM

Quant Time: Jul 06 03:43:51 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 04 00:59:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 629439   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 2801178  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.34 | 164  | 1581793  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 3221223  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.28 | 240  | 2259098  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.52 | 264  | 2139593  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 10626  | 0.73 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.88  | 99  | 219225 | 3.85 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 162908 | 4.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 195879 | 4.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.41  | 113 | 179336 | 3.93 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 99671  | 4.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 101464 | 4.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 195008 | 4.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 178294 | 3.75 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 646268 | 4.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 817142 | 4.96 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 23737  | 0.96 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 579714 | 4.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 35917  | 2.05 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 798461 | 5.13 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.48 | 212 | 764531 | 6.71 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.37 | 264 | 585760 | 5.03 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |          |               | Qvalue |
|----------------------------|-------|-----|----------|---------------|--------|
| 44) Dimethylphthalate      | 13.80 | 163 | 290614   | 2.214 ng/ul   | 98     |
| 47) Acenaphthylene         | 14.06 | 152 | 335268   | 2.106 ng/ul   | 100    |
| 71) Anthracene             | 17.22 | 178 | 633601   | 3.450 ng/ul   | 97     |
| 74) Fluoranthene           | 19.15 | 202 | 3228638  | 16.927 ng/ul# | 89     |
| 77) Pyrene                 | 19.51 | 202 | 6109912  | 43.218 ng/ul# | 84     |
| 80) Benzo(a)anthracene     | 21.27 | 228 | 2279253  | 15.964 ng/ul  | 95     |
| 82) Chrysene               | 21.32 | 228 | 2380239  | 17.918 ng/ul  | 98     |
| 85) Benzo(b)fluoranthene   | 22.85 | 252 | 4789491  | 35.442 ng/ul# | 95     |
| 86) Benzo(k)fluoranthene   | 22.89 | 252 | 1263735m | 9.644 ng/ul   |        |
| 88) Benzo(a)pyrene         | 23.42 | 252 | 2369142  | 18.761 ng/ul# | 95     |
| 89) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 1730841  | 12.881 ng/ul# | 91     |
| 90) Dibenzo(a,h)anthracene | 25.74 | 278 | 459575   | 4.109 ng/ul#  | 90     |
| 91) Benzo(g,h,i)perylene   | 26.43 | 276 | 1375157  | 12.406 ng/ul# | 92     |

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

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