

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\  
 Data File : BM016176.D  
 Acq On : 03 Aug 2018 12:52  
 Operator : SJ/JU  
 Sample : J4178-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

Sohil  
 8/6/2018 1:27:29 PM

Quant Time: Aug 06 13:00:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 04 01:03:47 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.19  | 152  | 45231    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 195506   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.82 | 164  | 100093   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.54 | 188  | 198299m  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.67 | 240  | 196332   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.03 | 264  | 204286   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 3781   | 3.68  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.35  | 99  | 61602  | 14.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.51  | 67  | 43645  | 16.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.72  | 132 | 59928  | 17.85 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.91  | 113 | 49122  | 13.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.37  | 128 | 27965  | 19.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.10 | 143 | 31247  | 19.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 53158  | 17.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.16 | 131 | 38144  | 10.14 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.22 | 166 | 175480 | 19.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.52 | 160 | 203709 | 19.58 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.05 | 143 | 13368m | 8.45  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.80 | 176 | 139356 | 18.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 15628  | 11.81 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.64 | 188 | 198984 | 19.60 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.91 | 212 | 212940 | 23.40 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.87 | 264 | 227140 | 20.22 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         | Ovalue |           |
|--------------------------------|-------|-----|---------|--------|-----------|
| 6) Phenol                      | 7.38  | 94  | 36321   | 8.751  | ng/ul# 65 |
| 44) Dimethylphthalate          | 14.27 | 163 | 38323   | 4.242  | ng/ul# 95 |
| 75) Di-n-butylphthalate        | 18.47 | 149 | 119329m | 8.525  | ng/ul     |
| 76) Fluoranthene               | 19.58 | 202 | 30492   | 2.072  | ng/ul 95  |
| 79) Pyrene                     | 19.94 | 202 | 30539   | 2.639  | ng/ul 94  |
| 80) Butylbenzylphthalate       | 20.79 | 149 | 30950   | 5.558  | ng/ul# 77 |
| 82) Benzo(a)anthracene         | 21.66 | 228 | 18938   | 1.492  | ng/ul 93  |
| 83) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 494061  | 60.507 | ng/ul 94  |
| 84) Chrysene                   | 21.71 | 228 | 19589m  | 1.650  | ng/ul     |
| 87) Benzo(b)fluoranthene       | 23.31 | 252 | 23493   | 1.793  | ng/ul# 85 |
| 93) Benzo(g,h,i)perylene       | 27.17 | 276 | 17211   | 1.389  | ng/ul 94  |

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

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