

Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\  
 Data File : BM014549.D  
 Acq On : 13 Mar 2018 16:16  
 Operator : SJ/JU  
 Sample : J1835-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F00

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:35:53 PM

Quant Time: Mar 22 15:02:28 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 13 16:10:56 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 72741    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 323818   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.14 | 164  | 199540   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.90 | 188  | 457525   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.13 | 240  | 523997   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.29 | 264  | 468695   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 4724m  | 2.78  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 123225 | 20.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 71163  | 19.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 99276  | 21.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.21  | 113 | 81655  | 15.18 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.64  | 128 | 50844  | 21.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.36  | 143 | 61204  | 24.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.91  | 165 | 94331  | 18.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.42 | 131 | 95493m | 18.89 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.56 | 166 | 372603 | 22.61 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.83 | 160 | 454935 | 22.39 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 51629m | 22.69 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.14 | 176 | 315426 | 21.37 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 28294  | 10.31 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.00 | 188 | 464575 | 21.05 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.32 | 212 | 548012 | 20.28 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.16 | 264 | 488314 | 21.41 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        | Ovalue       |    |
|--------------------------|-------|-----|--------|--------------|----|
| 6) Phenol                | 6.71  | 94  | 8706   | 1.349 ng/ul# | 56 |
| 44) Dimethylphthalate    | 13.62 | 163 | 56409  | 3.472 ng/ul# | 97 |
| 69) Phenanthrene         | 16.94 | 178 | 117998 | 4.476 ng/ul  | 98 |
| 74) Fluoranthene         | 18.98 | 202 | 163146 | 5.180 ng/ul# | 92 |
| 77) Pyrene               | 19.34 | 202 | 150340 | 4.317 ng/ul  | 98 |
| 80) Benzo(a)anthracene   | 21.11 | 228 | 85185  | 2.605 ng/ul  | 96 |
| 82) Chrysene             | 21.16 | 228 | 79388  | 2.602 ng/ul  | 98 |
| 85) Benzo(b)fluoranthene | 22.65 | 252 | 90646  | 2.888 ng/ul# | 83 |
| 88) Benzo(a)pyrene       | 23.20 | 252 | 60092  | 2.143 ng/ul# | 85 |
| 91) Benzo(a,h,i)perylene | 26.11 | 276 | 40538  | 1.839 ng/ul# | 91 |

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

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