

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014555.D  
 Acq On : 13 Mar 2018 22:28  
 Operator : SJ/JU  
 Sample : J1835-14  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F13

Manual Integrations  
 APPROVED

Sohil  
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:55:12 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 14 02:08:18 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 127953   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 534287   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.14 | 164  | 287770   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.91 | 188  | 545087   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.13 | 240  | 344626   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.31 | 264  | 326057   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 5623m  | 1.88  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.70  | 99  | 207613 | 19.20 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 118772 | 18.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 167435 | 20.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.22  | 113 | 139727 | 14.77 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.64  | 128 | 86839  | 21.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 101606 | 24.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.91  | 165 | 186296 | 22.01 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.44 | 131 | 39998  | 4.80  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.56 | 166 | 623153 | 26.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.83 | 160 | 725621 | 24.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 68174m | 20.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.14 | 176 | 488596 | 22.95 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 54608  | 16.70 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.01 | 188 | 645685 | 24.55 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.32 | 212 | 547553 | 30.80 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.17 | 264 | 403372 | 25.42 | ng/ul | 0.02 |

## Target Compounds

|                          |       |     |        | Ovalue |           |
|--------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                | 6.72  | 94  | 15162m | 1.336  | ng/ul     |
| 34) 2-Methylnaphthalene  | 11.93 | 142 | 50641m | 2.425  | ng/ul     |
| 44) Dimethylphthalate    | 13.62 | 163 | 87401  | 3.730  | ng/ul# 95 |
| 69) Phenanthrene         | 16.95 | 178 | 126486 | 4.027  | ng/ul# 95 |
| 77) Pyrene               | 19.35 | 202 | 88408  | 3.860  | ng/ul# 85 |
| 80) Benzo(a)anthracene   | 21.12 | 228 | 28996  | 1.348  | ng/ul# 77 |
| 82) Chrysene             | 21.17 | 228 | 47253  | 2.355  | ng/ul# 85 |
| 91) Benzo(a,h,i)perylene | 26.14 | 276 | 29527  | 1.925  | ng/ul# 81 |

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

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