

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM012818\  
 Data File : BM013945.D  
 Acq On : 29 Jan 2018 04:48  
 Operator : SJ/JU  
 Sample : J1243-06  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6B29

Manual Integrations  
 APPROVED

Sohil  
 1/29/2018 6:08:26 PM

Quant Time: Feb 08 11:23:19 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 29 04:03:39 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 184974   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 705527   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 385674   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 781919   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.19 | 240  | 753823   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.37 | 264  | 782692   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.14  | 96  | 13809   | 2.95  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 319703  | 22.51 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 200602  | 23.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 278909  | 24.11 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 263537  | 24.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 135768  | 24.80 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 153675  | 26.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 277033  | 24.79 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 216200  | 22.30 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 849438  | 26.72 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1064814 | 26.27 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 87791   | 16.99 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.23 | 176 | 707738  | 25.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 98680   | 20.97 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 994481m | 26.11 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.39 | 212 | 1054394 | 30.04 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264 | 979220  | 27.22 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |        | Qvalue |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| 6) Phenol                | 6.79  | 94  | 28778  | 2.021  | ng/ul  | 97 |
| 44) Dimethylphthalate    | 13.70 | 163 | 166537 | 5.329  | ng/ul  | 98 |
| 68) Pentachlorophenol    | 16.64 | 266 | 269203 | 50.961 | ng/ul  | 94 |
| 69) Phenanthrene         | 17.03 | 178 | 161328 | 3.712  | ng/ul  | 98 |
| 71) Anthracene           | 17.12 | 178 | 248047 | 5.533  | ng/ul  | 99 |
| 72) Carbazole            | 17.40 | 167 | 58581  | 1.583  | ng/ul  | 97 |
| 74) Fluoranthene         | 19.05 | 202 | 729158 | 14.054 | ng/ul# | 96 |
| 77) Pyrene               | 19.42 | 202 | 637841 | 13.918 | ng/ul# | 95 |
| 80) Benzo(a)anthracene   | 21.17 | 228 | 109676 | 2.408  | ng/ul# | 94 |
| 82) Chrysene             | 21.22 | 228 | 147847 | 3.538  | ng/ul# | 95 |
| 85) Benzo(b)fluoranthene | 22.72 | 252 | 206513 | 4.296  | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 22.76 | 252 | 59325m | 1.277  | ng/ul  |    |
| 88) Benzo(a)pyrene       | 23.28 | 252 | 88795  | 1.955  | ng/ul# | 90 |

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

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