

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\  
 Data File : BN004169.D  
 Acq On : 21 Dec 2018 20:28  
 Operator : JU/SJ  
 Sample : J6420-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 F9H31

Manual Integrations  
 APPROVED

Sohil  
 12/26/2018 3:22:41 PM

Quant Time: Dec 22 05:06:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 22 04:57:58 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 25774    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 128911   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 83385    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.21 | 188  | 202816   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.40 | 240  | 246429   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.72 | 264  | 258264   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 1386   | 3.52  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 42671  | 16.84 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 26702  | 19.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 36174  | 18.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 38006  | 17.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 19243  | 18.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.71  | 143 | 22467  | 19.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 39970  | 18.84 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.76 | 131 | 54152  | 27.28 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 151822 | 20.40 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 180558 | 20.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.68 | 143 | 21922  | 14.25 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.46 | 176 | 133227 | 20.70 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 19443  | 13.31 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.30 | 188 | 212634 | 20.75 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.60 | 212 | 242554 | 22.00 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.57 | 264 | 292408 | 20.87 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        |              | Ovalue |
|--------------------------|-------|-----|--------|--------------|--------|
| 6) Phenol                | 7.01  | 94  | 7583   | 2.965 ng/ul  | 95     |
| 44) Dimethylphthalate    | 13.91 | 163 | 29987  | 4.127 ng/ul  | 99     |
| 76) Fluoranthene         | 19.27 | 202 | 26315  | 1.832 ng/ul  | 98     |
| 79) Pyrene               | 19.63 | 202 | 24635  | 1.789 ng/ul  | 97     |
| 84) Chrysene             | 21.43 | 228 | 15887m | 1.104 ng/ul  |        |
| 87) Benzo(b)fluoranthene | 23.02 | 252 | 23431  | 1.515 ng/ul# | 94     |

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

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