

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
 Data File : BN009895.D  
 Acq On : 25 Feb 2020 11:29  
 Operator : CG/JU  
 Sample : L1582-04DL 5X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBDJ6DL

Quant Time: Feb 25 14:02:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 25 07:22:29 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 112726   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.13 | 136  | 479285   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.03 | 164  | 297008   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.78 | 188  | 633421   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.00 | 240  | 643157   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 656370   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 722    | 0.26 | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.60  | 99  | 11129  | 1.16 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.75  | 67  | 42202  | 6.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 35999  | 4.99 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.11  | 113 | 22422  | 2.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.54  | 128 | 21569  | 6.15 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.25  | 143 | 23539  | 6.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.78  | 165 | 40967  | 5.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.30 | 131 | 4479   | 0.54 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.45 | 166 | 152402 | 6.87 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.71 | 160 | 175413 | 6.71 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.32 | 143 | 1419   | 0.35 | ng/ul | 0.04 |
| 58) Fluorene-d10               | 15.03 | 176 | 134359 | 7.01 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 14538  | 3.69 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 16.88 | 188 | 203594 | 7.01 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.19 | 212 | 234481 | 6.98 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.97 | 264 | 225219 | 6.87 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |          |         | Ovalue |     |
|-------------------------|-------|-----|----------|---------|--------|-----|
| 28) Naphthalene         | 10.20 | 128 | 18715753 | 724.135 | ng/ul  | 95  |
| 34) 2-Methylnaphthalene | 11.80 | 142 | 1748014  | 97.402  | ng/ul  | 97  |
| 41) 1,1'-Biphenyl       | 12.85 | 154 | 359400   | 15.755  | ng/ul  | 99  |
| 50) Acenaphthene        | 14.09 | 153 | 1516132  | 78.205  | ng/ul  | 100 |
| 54) Dibenzofuran        | 14.43 | 168 | 1207103  | 44.361  | ng/ul  | 97  |
| 59) Fluorene            | 15.09 | 166 | 846356   | 37.062  | ng/ul  | 99  |
| 70) Phenanthrene        | 16.83 | 178 | 1438388  | 39.790  | ng/ul  | 98  |
| 72) Anthracene          | 16.92 | 178 | 37161    | 1.006   | ng/ul  | 97  |
| 75) Carbazole           | 17.20 | 167 | 593447   | 18.236  | ng/ul  | 97  |
| 77) Fluoranthene        | 18.86 | 202 | 88907    | 2.100   | ng/ul  | 97  |
| 80) Pyrene              | 19.22 | 202 | 48545    | 1.047   | ng/ul# | 94  |

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

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