

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022220\  
 Data File : BN009818.D  
 Acq On : 21 Feb 2020 21:30  
 Operator : CG/JU  
 Sample : L1535-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 CB6Q2

Quant Time: Feb 21 22:40:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 21 22:14:17 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 117260   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.14 | 136  | 489405   | 20.00 | ng/ul | -0.02    |
| 36) Acenaphthene-d10      | 14.03 | 164  | 310896   | 20.00 | ng/ul | -0.02    |
| 62) Phenanthrene-d10      | 16.79 | 188  | 641084   | 20.00 | ng/ul | -0.02    |
| 78) Chrysene-d12          | 21.00 | 240  | 566452   | 20.00 | ng/ul | -0.02    |
| 86) Perylene-d12          | 23.10 | 264  | 606097   | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 5900   | 2.07  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.60  | 99  | 90519  | 9.07  | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.75  | 67  | 71313  | 10.36 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 76099  | 10.13 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8          | 8.11  | 113 | 63514  | 8.01  | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.54  | 128 | 35051  | 9.79  | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 9.25  | 143 | 38460  | 9.82  | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 9.79  | 165 | 68148  | 9.05  | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.30 | 131 | 90906  | 10.75 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 258055 | 11.11 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 290371 | 10.62 | ng/ul | -0.02 |
| 52) 4-Nitrophenol-d4           | 14.29 | 143 | 23903  | 5.64  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.04 | 176 | 224936 | 11.22 | ng/ul | -0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 24730  | 6.21  | ng/ul | -0.01 |
| 71) Anthracene-d10             | 16.89 | 188 | 327166 | 11.13 | ng/ul | -0.02 |
| 79) Pyrene-d10                 | 19.19 | 212 | 389152 | 13.14 | ng/ul | -0.02 |
| 90) Benzo(a)pyrene-d12         | 22.97 | 264 | 368584 | 12.18 | ng/ul | -0.04 |

## Target Compounds

|                            |       |     |        |              | Ovalue |
|----------------------------|-------|-----|--------|--------------|--------|
| 70) Phenanthrene           | 16.83 | 178 | 80181  | 2.192 ng/ul  | 97     |
| 77) Fluoranthene           | 18.86 | 202 | 145224 | 3.389 ng/ul  | 98     |
| 80) Pyrene                 | 19.22 | 202 | 136368 | 3.339 ng/ul  | 98     |
| 83) Benzo(a)anthracene     | 20.99 | 228 | 70673  | 1.816 ng/ul  | 97     |
| 85) Chrysene               | 21.04 | 228 | 78439  | 2.047 ng/ul  | 96     |
| 88) Benzo(b)fluoranthene   | 22.49 | 252 | 104134 | 2.650 ng/ul# | 94     |
| 91) Benzo(a)pyrene         | 23.02 | 252 | 63578  | 1.799 ng/ul# | 95     |
| 92) Indeno(1,2,3-cd)pyrene | 25.15 | 276 | 50797  | 1.211 ng/ul  | 95     |
| 94) Benzo(a,h,i)perylene   | 25.76 | 276 | 48944  | 1.391 ng/ul  | 95     |

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

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