

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053119\  
 Data File : BN005981.D  
 Acq On : 31 May 2019 14:26  
 Operator : JU/SJ  
 Sample : K2928-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A42C3

Quant Time: May 31 15:05:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 29 02:28:30 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.74  | 152  | 543083   | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.54 | 136  | 1992533  | 20.00 | ng/ul | 0.03     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 936278   | 20.00 | ng/ul | 0.03     |
| 61) Phenanthrene-d10      | 17.16 | 188  | 1862748  | 20.00 | ng/ul | 0.04     |
| 77) Chrysene-d12          | 21.39 | 240  | 1556804  | 20.00 | ng/ul | 0.06     |
| 85) Perylene-d12          | 23.69 | 264  | 1881408  | 20.00 | ng/ul | 0.10     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 41431   | 3.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 632179  | 13.13 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.08  | 67  | 468926  | 17.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 575432  | 15.69 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.45  | 113 | 312723  | 8.05  | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 282149  | 22.06 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4           | 9.62  | 143 | 259600  | 21.80 | ng/ul | 0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 451043  | 16.04 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 465483  | 12.62 | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 13.81 | 166 | 1340690 | 19.42 | ng/ul | 0.03 |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1576835 | 18.26 | ng/ul | 0.04 |
| 51) 4-Nitrophenol-d4           | 14.61 | 143 | 122187  | 9.73  | ng/ul | 0.05 |
| 57) Fluorene-d10               | 15.40 | 176 | 1064748 | 18.39 | ng/ul | 0.04 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 14295   | 1.88  | ng/ul | 0.05 |
| 70) Anthracene-d10             | 17.26 | 188 | 1413755 | 17.83 | ng/ul | 0.04 |
| 78) Pyrene-d10                 | 19.57 | 212 | 1465017 | 18.63 | ng/ul | 0.05 |
| 89) Benzo(a)pyrene-d12         | 23.55 | 264 | 1410404 | 16.80 | ng/ul | 0.10 |

## Target Compounds

|                            |       |     |        |       | Qvalue |     |
|----------------------------|-------|-----|--------|-------|--------|-----|
| 44) Dimethylphthalate      | 13.85 | 163 | 487765 | 7.070 | ng/ul  | 99  |
| 69) Phenanthrene           | 17.20 | 178 | 353850 | 3.834 | ng/ul  | 100 |
| 76) Fluoranthene           | 19.23 | 202 | 429495 | 4.359 | ng/ul# | 94  |
| 79) Pyrene                 | 19.60 | 202 | 383526 | 3.889 | ng/ul  | 97  |
| 82) Benzo(a)anthracene     | 21.37 | 228 | 260380 | 2.661 | ng/ul# | 81  |
| 84) Chrysene               | 21.42 | 228 | 372668 | 4.083 | ng/ul# | 88  |
| 87) Benzo(b)fluoranthene   | 23.00 | 252 | 353971 | 3.350 | ng/ul# | 84  |
| 90) Benzo(a)pyrene         | 23.59 | 252 | 241020 | 2.419 | ng/ul# | 78  |
| 91) Indeno(1,2,3-cd)pyrene | 26.01 | 276 | 169320 | 1.448 | ng/ul# | 80  |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053119\  
Data File : BN005981.D  
Acq On : 31 May 2019 14:26  
Operator : JU/SJ  
Sample : K2928-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A42C3

Quant Time: May 31 15:05:13 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 29 02:28:30 2019  
Response via : Initial Calibration

