

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\  
 Data File : BN006592.D  
 Acq On : 26 Jun 2019 23:22  
 Operator : HP/JU  
 Sample : K3498-18  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5AB7

Quant Time: Jun 27 04:00:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 02:30:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 184812   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.40 | 136  | 910369   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.27 | 164  | 560522   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 1264055  | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.25 | 240  | 1220752  | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.47 | 264  | 1274325  | 20.00 | ng/ul | -0.02    |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 19778   | 4.18  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 6.80  | 99  | 389443  | 19.79 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 265620  | 21.80 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 300847  | 20.73 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 270282  | 17.31 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 166658  | 22.86 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 188008  | 23.67 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 323742  | 21.22 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.54 | 131 | 415729  | 23.69 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 13.69 | 166 | 1185901 | 24.14 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 13.96 | 160 | 1377140 | 22.87 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4           | 14.51 | 143 | 147211  | 17.54 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.27 | 176 | 1025089 | 24.53 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 137213  | 17.15 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.13 | 188 | 1590935 | 25.00 | ng/ul | -0.01 |
| 78) Pyrene-d10                 | 19.44 | 212 | 1781421 | 24.98 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264 | 1752032 | 24.34 | ng/ul | -0.02 |

|                          |       |     |        |        |        |    |
|--------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds         |       |     |        | Ovalue |        |    |
| 44) Dimethylphthalate    | 13.73 | 163 | 245763 | 5.427  | ng/ul  | 99 |
| 69) Phenanthrene         | 17.07 | 178 | 81868  | 1.174  | ng/ul  | 99 |
| 76) Fluoranthene         | 19.10 | 202 | 266454 | 3.546  | ng/ul  | 99 |
| 79) Pyrene               | 19.47 | 202 | 232386 | 2.796  | ng/ul  | 98 |
| 82) Benzo(a)anthracene   | 21.23 | 228 | 127929 | 1.533  | ng/ul  | 98 |
| 84) Chrysene             | 21.28 | 228 | 141706 | 1.784  | ng/ul  | 97 |
| 87) Benzo(b)fluoranthene | 22.81 | 252 | 180947 | 2.366  | ng/ul# | 95 |
| 90) Benzo(a)pyrene       | 23.38 | 252 | 112453 | 1.533  | ng/ul  | 99 |

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

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