

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\  
 Data File : BN006017.D  
 Acq On : 02 Jun 2019 06:06  
 Operator : JU/SJ  
 Sample : K2928-14DL 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A42C8DL

Manual Integrations  
 APPROVED

Sohil  
 6/4/2019 8:38:35 AM

Quant Time: Jun 03 02:25:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN052819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jun 01 01:49:29 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 461130   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.51 | 136  | 2008445  | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.38 | 164  | 1206157  | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 17.14 | 188  | 2570053  | 20.00 | ng/ul | -0.02    |
| 77) Chrysene-d12          | 21.35 | 240  | 1735082  | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.63 | 264  | 1799123  | 20.00 | ng/ul | -0.04    |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 6250m  | 0.60 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.89  | 99  | 111760 | 2.73 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 64939  | 2.78 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 89755  | 2.88 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 83703  | 2.54 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 42856  | 3.32 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 43388  | 3.61 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.14 | 165 | 73892  | 2.61 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 41185m | 1.11 | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 270575 | 3.04 | ng/ul | -0.02 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 336800 | 3.03 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 31234  | 1.93 | ng/ul | -0.02 |
| 57) Fluorene-d10               | 15.38 | 176 | 236018 | 3.17 | ng/ul | -0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 17751  | 1.69 | ng/ul | -0.02 |
| 70) Anthracene-d10             | 17.24 | 188 | 352528 | 3.22 | ng/ul | -0.02 |
| 78) Pyrene-d10                 | 19.54 | 212 | 323688 | 3.69 | ng/ul | -0.02 |
| 89) Benzo(a)pyrene-d12         | 23.48 | 264 | 231401 | 2.88 | ng/ul | -0.04 |

## Target Compounds

|                            |       |     |         |        | Ovalue    |
|----------------------------|-------|-----|---------|--------|-----------|
| 44) Dimethylphthalate      | 13.84 | 163 | 95141   | 1.071  | ng/ul 99  |
| 47) Acenaphthylene         | 14.10 | 152 | 117663  | 1.079  | ng/ul 97  |
| 69) Phenanthrene           | 17.18 | 178 | 1221815 | 9.595  | ng/ul 99  |
| 71) Anthracene             | 17.27 | 178 | 411293  | 3.181  | ng/ul 99  |
| 76) Fluoranthene           | 19.21 | 202 | 4461331 | 32.819 | ng/ul 96  |
| 79) Pyrene                 | 19.57 | 202 | 5286626 | 48.099 | ng/ul 95  |
| 82) Benzo(a)anthracene     | 21.34 | 228 | 2649992 | 24.296 | ng/ul 96  |
| 84) Chrysene               | 21.39 | 228 | 2808364 | 27.607 | ng/ul 97  |
| 87) Benzo(b)fluoranthene   | 22.95 | 252 | 2448999 | 24.235 | ng/ul 98  |
| 88) Benzo(k)fluoranthene   | 22.99 | 252 | 857478m | 9.229  | ng/ul     |
| 90) Benzo(a)pyrene         | 23.53 | 252 | 1920797 | 20.157 | ng/ul 98  |
| 91) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 1183838 | 10.587 | ng/ul 98  |
| 92) Dibenzo(a,h)anthracene | 25.93 | 278 | 367393  | 3.946  | ng/ul# 79 |
| 93) Benzo(g,h,i)perylene   | 26.63 | 276 | 906920  | 9.630  | ng/ul 94  |

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

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