

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\  
 Data File : BN005202.D  
 Acq On : 23 Apr 2019 07:56  
 Operator : JU/SJ  
 Sample : K2455-06  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHQ8

Manual Integrations  
 APPROVED

Sohil  
 4/23/2019 4:20:06 PM

Quant Time: Apr 23 09:38:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 23 03:50:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 479391   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.37 | 136  | 2210767  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.24 | 164  | 1481754  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 3015370  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.23 | 240  | 2538049  | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.43 | 264  | 2960233  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 82591   | 8.32  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.78  | 99  | 883633  | 23.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 558050  | 23.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 719103  | 24.96 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 696133  | 23.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 372943  | 27.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 361484  | 26.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 655529  | 20.73 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 895922  | 27.47 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 1973095 | 18.34 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 13.93 | 160 | 2349301 | 17.78 | ng/ul | 0.01 |
| 51) 4-Nitrophenol-d4           | 14.44 | 143 | 298429  | 17.57 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.24 | 176 | 1600977 | 17.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 56567m  | 4.17  | ng/ul | 0.03 |
| 70) Anthracene-d10             | 17.10 | 188 | 2453025 | 19.41 | ng/ul | 0.01 |
| 78) Pyrene-d10                 | 19.40 | 212 | 2568349 | 19.78 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.30 | 264 | 2517815 | 19.46 | ng/ul | 0.02 |

## Target Compounds

|                            |       |     |           |         | Ovalue |     |
|----------------------------|-------|-----|-----------|---------|--------|-----|
| 14) Acetophenone           | 8.39  | 105 | 174372    | 3.702   | ng/ul# | 34  |
| 28) Naphthalene            | 10.42 | 128 | 31772435m | 309.146 | ng/ul  |     |
| 34) 2-Methylnaphthalene    | 12.05 | 142 | 40768346m | 541.750 | ng/ul  |     |
| 40) 1,1'-Biphenyl          | 13.07 | 154 | 7081200   | 64.139  | ng/ul  | 99  |
| 44) Dimethylphthalate      | 13.70 | 163 | 343704    | 3.207   | ng/ul# | 97  |
| 47) Acenaphthylene         | 13.97 | 152 | 17180924  | 132.332 | ng/ul# | 83  |
| 49) Acenaphthene           | 14.30 | 153 | 2384366   | 26.901  | ng/ul  | 98  |
| 53) Dibenzofuran           | 14.64 | 168 | 3254473   | 25.503  | ng/ul  | 93  |
| 58) Fluorene               | 15.30 | 166 | 11966327  | 120.170 | ng/ul  | 98  |
| 69) Phenanthrene           | 17.03 | 178 | 25181384m | 171.473 | ng/ul  |     |
| 71) Anthracene             | 17.13 | 178 | 10697906  | 71.511  | ng/ul  | 98  |
| 76) Fluoranthene           | 19.07 | 202 | 12763619  | 78.358  | ng/ul  | 100 |
| 79) Pyrene                 | 19.43 | 202 | 16904454m | 103.444 | ng/ul  |     |
| 82) Benzo(a)anthracene     | 21.21 | 228 | 9319319m  | 59.023  | ng/ul  |     |
| 84) Chrysene               | 21.26 | 228 | 7597801   | 51.848  | ng/ul  | 96  |
| 87) Benzo(b)fluoranthene   | 22.79 | 252 | 7517581   | 45.177  | ng/ul  | 99  |
| 88) Benzo(k)fluoranthene   | 22.82 | 252 | 2086069m  | 13.126  | ng/ul  |     |
| 90) Benzo(a)pyrene         | 23.35 | 252 | 6048726   | 38.672  | ng/ul  | 98  |
| 91) Indeno(1,2,3-cd)pyrene | 25.62 | 276 | 3262528   | 18.866  | ng/ul  | 97  |
| 92) Dibenz(a,h)anthracene  | 25.62 | 278 | 1110508   | 7.567   | ng/ul  | 98  |
| 93) Benzo(a,h,i)perylene   | 26.28 | 276 | 2089958   | 14.616  | ng/ul  | 97  |

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

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