

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\  
 Data File : BN006461.D  
 Acq On : 21 Jun 2019 10:57  
 Operator : JU/SJ  
 Sample : K3360-20  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4202

Manual Integrations  
 APPROVED

mohammad  
 6/21/2019 10:00:33 PM

Quant Time: Jun 21 12:21:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 06:31:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 205967   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 963427   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.28 | 164  | 593615   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 1335051  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1235949  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.48 | 264  | 1163149  | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 39570   | 7.50  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 707717  | 32.27 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 516939  | 38.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 580309  | 35.89 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 439421  | 25.26 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 300903  | 39.00 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 333878  | 39.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 559066  | 34.62 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 732538  | 39.45 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.69 | 166 | 1930091 | 37.10 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 2375621 | 37.25 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 229189  | 25.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.28 | 176 | 1670000 | 37.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 217275  | 25.72 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 2551926 | 37.97 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 2913804 | 40.36 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.35 | 264 | 2546822 | 38.77 | ng/ul | 0.00 |

|                                |       |     |        |        |       |     |
|--------------------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds               |       |     |        | Ovalue |       |     |
| 6) Phenol                      | 6.83  | 94  | 53943  | 2.551  | ng/ul | 91  |
| 44) Dimethylphthalate          | 13.74 | 163 | 337073 | 7.028  | ng/ul | 99  |
| 76) Fluoranthene               | 19.10 | 202 | 303563 | 3.825  | ng/ul | 100 |
| 79) Pyrene                     | 19.47 | 202 | 270072 | 3.209  | ng/ul | 99  |
| 82) Benzo(a)anthracene         | 21.24 | 228 | 141764 | 1.678  | ng/ul | 99  |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 122440 | 2.263  | ng/ul | 97  |
| 84) Chrysene                   | 21.29 | 228 | 187334 | 2.330  | ng/ul | 97  |
| 87) Benzo(b)fluoranthene       | 22.82 | 252 | 233759 | 3.349  | ng/ul | 99  |
| 88) Benzo(k)fluoranthene       | 22.86 | 252 | 90283m | 1.353  | ng/ul |     |
| 90) Benzo(a)pyrene             | 23.39 | 252 | 140294 | 2.096  | ng/ul | 99  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.71 | 276 | 86466  | 1.092  | ng/ul | 93  |
| 93) Benzo(g,h,i)perylene       | 26.40 | 276 | 77422  | 1.160  | ng/ul | 98  |

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

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