

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\  
 Data File : BN005863.D  
 Acq On : 22 May 2019 22:20  
 Operator : JU/SJ  
 Sample : K2925-18  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A42A3

Manual Integrations  
 APPROVED

mohammad  
 5/23/2019 3:31:03 PM

Quant Time: May 23 05:59:41 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN051819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 22 04:04:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 44807    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 194258   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 141906   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 398602   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 518345   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.40 | 264  | 662709   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 3065   | 3.83  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 55319  | 15.98 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 35370  | 19.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 47045  | 16.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 35576  | 12.01 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 25088  | 17.79 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 24716  | 15.18 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.00 | 165 | 52762m | 16.98 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 46130m | 13.37 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.62 | 166 | 223315 | 20.45 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 265233 | 19.99 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 11358m | 7.38  | ng/ul | 0.07 |
| 57) Fluorene-d10               | 15.20 | 176 | 202971 | 21.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 11112  | 4.64  | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.06 | 188 | 351170 | 20.39 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 485032 | 18.99 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.26 | 264 | 626103 | 21.06 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |       |       | Ovalue |    |
|--------------------------|-------|-----|-------|-------|--------|----|
| 44) Dimethylphthalate    | 13.67 | 163 | 64867 | 6.026 | ng/ul# | 96 |
| 69) Phenanthrene         | 17.00 | 178 | 37593 | 1.903 | ng/ul  | 98 |
| 76) Fluoranthene         | 19.04 | 202 | 48763 | 1.996 | ng/ul# | 87 |
| 79) Pyrene               | 19.41 | 202 | 52234 | 1.641 | ng/ul# | 87 |
| 84) Chrysene             | 21.23 | 228 | 36802 | 1.195 | ng/ul  | 94 |
| 87) Benzo(b)fluoranthene | 22.75 | 252 | 37489 | 1.028 | ng/ul  | 98 |

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

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