

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\  
 Data File : BN011499.D  
 Acq On : 18 Aug 2020 23:54  
 Operator : CG/JU  
 Sample : L3668-10  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFT6

Manual Integrations  
 APPROVED

mohammad  
 8/19/2020 2:20:08 PM

Quant Time: Aug 19 04:56:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 19 02:19:14 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.43  | 152  | 160736   | 20.00   | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.18 | 136  | 607783   | 20.00   | ng/ul  | 0.00     |
| 36) Acenaphthene-d10           | 14.06 | 164  | 382941   | 20.00   | ng/ul  | 0.00     |
| 62) Phenanthrene-d10           | 16.82 | 188  | 915732   | 20.00   | ng/ul  | 0.00     |
| 78) Chrysene-d12               | 21.04 | 240  | 942925   | 20.00   | ng/ul  | 0.00     |
| 86) Perylene-d12               | 23.15 | 264  | 997194   | 20.00   | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |         |        |          |
| 3) 1,4-Dioxane-d8              | 3.12  | 96   | 21669    | 6.47    | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.63  | 99   | 59494    | 5.23    | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67   | 143651   | 24.79   | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 6.98  | 132  | 203520   | 19.98   | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.14  | 113  | 119529   | 12.95   | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.57  | 128  | 125981   | 26.74   | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.28  | 143  | 135429   | 25.56   | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.81  | 165  | 235654   | 23.54   | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.33 | 131  | 25253    | 2.11    | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6       | 13.49 | 166  | 884551   | 29.67   | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8          | 13.75 | 160  | 981026   | 27.34   | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.30 | 143  | 28327    | 5.61    | ng/ul  | 0.00     |
| 58) Fluorene-d10               | 15.07 | 176  | 780695   | 29.91   | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200  | 133875   | 22.04   | ng/ul  | 0.00     |
| 71) Anthracene-d10             | 16.92 | 188  | 1283968  | 29.35   | ng/ul  | 0.00     |
| 79) Pyrene-d10                 | 19.23 | 212  | 1496369  | 30.89   | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.01 | 264  | 1760816  | 31.79   | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |         |        |          |
| 28) Naphthalene                | 10.23 | 128  | 10426799 | 307.407 | ng/ul  | 98       |
| 34) 2-Methylnaphthalene        | 11.85 | 142  | 49783    | 2.141   | ng/ul  | 89       |
| 45) Dimethylphthalate          | 13.54 | 163  | 150167   | 4.906   | ng/ul  | 98       |
| 48) Acenaphthylene             | 13.77 | 152  | 38983    | 1.049   | ng/ul# | 91       |
| 50) Acenaphthene               | 14.13 | 153  | 1573795  | 60.490  | ng/ul  | 95       |
| 54) Dibenzofuran               | 14.47 | 168  | 61927    | 1.641   | ng/ul  | 99       |
| 59) Fluorene                   | 15.12 | 166  | 744095   | 24.467  | ng/ul  | 99       |
| 70) Phenanthrene               | 16.86 | 178  | 557053   | 10.256  | ng/ul  | 97       |
| 72) Anthracene                 | 16.95 | 178  | 57468m   | 1.045   | ng/ul  |          |
| 75) Carbazole                  | 17.23 | 167  | 2499668  | 54.031  | ng/ul  | 100      |

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

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