

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\  
 Data File : BN009761.D  
 Acq On : 19 Feb 2020 02:01  
 Operator : CG/JU  
 Sample : L1541-14  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBD66

Manual Integrations  
 APPROVED

mohammad  
 2/20/2020 8:58:15 AM

Quant Time: Feb 19 10:37:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 19 03:37:25 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.41  | 152  | 126690   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.16 | 136  | 524693   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.05 | 164  | 326158   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.81 | 188  | 740080   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.02 | 240  | 774235   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.13 | 264  | 762205   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 17150   | 5.57  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.62  | 99  | 78126   | 7.25  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.77  | 67  | 258094  | 34.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.96  | 132 | 229498  | 28.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.13  | 113 | 150639  | 17.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.56  | 128 | 147924  | 38.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.27  | 143 | 158307  | 37.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165 | 278425  | 34.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 35284m  | 3.89  | ng/ul | 0.04 |
| 44) Dimethylphthalate-d6       | 13.48 | 166 | 948278  | 38.92 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.74 | 160 | 1112033 | 38.76 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.31 | 143 | 31414   | 7.06  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.06 | 176 | 853312  | 40.57 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.21 | 200 | 157524  | 34.26 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.91 | 188 | 1353332 | 39.89 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.22 | 212 | 1542589 | 38.12 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.00 | 264 | 1584713 | 41.63 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |         |        | Ovalue |    |
|-----------------------|-------|-----|---------|--------|--------|----|
| 41) 1,1'-Biophenyl    | 12.88 | 154 | 2175231 | 86.833 | ng/ul  | 98 |
| 45) Dimethylphthalate | 13.53 | 163 | 31659   | 1.245  | ng/ul# | 93 |
| 50) Acenaphthene      | 14.12 | 153 | 1066731 | 50.106 | ng/ul  | 98 |
| 75) Carbazole         | 17.22 | 167 | 494432  | 13.003 | ng/ul  | 99 |
| 77) Fluoranthene      | 18.88 | 202 | 64630   | 1.306  | ng/ul  | 98 |

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

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