

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\  
 Data File : BN009972.D  
 Acq On : 27 Feb 2020 20:05  
 Operator : CG/JU  
 Sample : L1568-02DL 10X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 DBDA5DL

Manual Integrations  
 APPROVED

mohammad  
 2/28/2020 2:39:10 PM

Quant Time: Feb 28 03:06:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 26 07:56:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 97229    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.12 | 136  | 405641   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.02 | 164  | 258990   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.78 | 188  | 562464   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.00 | 240  | 505373   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 540812   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 1692m  | 0.72 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.60  | 99  | 25584  | 3.09 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.75  | 67  | 19338  | 3.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 21384  | 3.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.12  | 113 | 17874  | 2.72 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.54  | 128 | 9362   | 3.15 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.25  | 143 | 9993   | 3.08 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165 | 19787m | 3.17 | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4         | 10.31 | 131 | 21464  | 3.06 | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 74233  | 3.84 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.71 | 160 | 81798  | 3.59 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.35 | 143 | 5027m  | 1.42 | ng/ul | 0.08 |
| 58) Fluorene-d10               | 15.03 | 176 | 67495  | 4.04 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d     | 0.00 | ng/ul |      |
| 71) Anthracene-d10             | 16.89 | 188 | 102201 | 3.96 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.19 | 212 | 107300 | 4.06 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.97 | 264 | 105347 | 3.90 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |        | Ovalue |           |
|-------------------------|-------|-----|--------|--------|-----------|
| 28) Naphthalene         | 10.18 | 128 | 414017 | 18.927 | ng/ul 100 |
| 34) 2-Methylnaphthalene | 11.81 | 142 | 60176  | 3.962  | ng/ul 98  |
| 50) Acenaphthene        | 14.09 | 153 | 56539  | 3.345  | ng/ul 96  |
| 54) Dibenzofuran        | 14.44 | 168 | 36638  | 1.544  | ng/ul 89  |
| 59) Fluorene            | 15.09 | 166 | 24940  | 1.252  | ng/ul 98  |

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

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