

Data Path : Z:\HPCHEM1\BNA\_N\DATA\BN042618\  
 Data File : BN000934.D  
 Acq On : 26 Apr 2018 16:19  
 Operator : JU/SJ  
 Sample : J2485-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAS36

Manual Integrations  
 APPROVED

Sohil  
 4/27/2018 7:26:59 PM

Quant Time: Apr 27 08:16:22 2018  
 Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 07:47:48 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 171406   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.39 | 136  | 739418   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.26 | 164  | 369794   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.01 | 188  | 669947   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.23 | 240  | 500903   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 23.43 | 264  | 531453   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                        |       |     |         |       |       |      |
|------------------------|-------|-----|---------|-------|-------|------|
| 7) Acenaphthylene-d8   | 13.95 | 160 | 1179405 | 33.21 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.26 | 176 | 792022  | 33.41 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.11 | 188 | 1030340 | 33.63 | ng/ul | 0.00 |
| 18) Pyrene-d10         | 19.42 | 212 | 938374  | 36.56 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 23.29 | 264 | 928353  | 36.98 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue |
|----------------------------|-------|-----|---------|-------|--------|--------|
| 13) Phenanthrene           | 17.05 | 178 | 62130   | 1.700 | ng/ul  | 99     |
| 16) Fluoranthene           | 19.07 | 202 | 112794  | 3.043 | ng/ul# | 93     |
| 19) Pyrene                 | 19.45 | 202 | 99795   | 3.102 | ng/ul# | 91     |
| 20) Benzo(a)anthracene     | 21.21 | 228 | 61591   | 2.057 | ng/ul  | 95     |
| 21) Chrysene               | 21.26 | 228 | 70687m  | 2.512 | ng/ul  |        |
| 23) Benzo(b)fluoranthene   | 22.77 | 252 | 125583m | 4.158 | ng/ul  |        |
| 24) Benzo(k)fluoranthene   | 22.82 | 252 | 36801m  | 1.245 | ng/ul  |        |
| 26) Benzo(a)pyrene         | 23.33 | 252 | 80828   | 2.800 | ng/ul# | 93     |
| 27) Indeno(1,2,3-cd)pyrene | 25.62 | 276 | 73372   | 2.105 | ng/ul# | 91     |
| 29) Benzo(g,h,i)perylene   | 26.29 | 276 | 68343   | 2.344 | ng/ul# | 92     |

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

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