

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\  
 Data File : BN005276.D  
 Acq On : 25 Apr 2019 06:52  
 Operator : JU/SJ  
 Sample : K2455-20 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHS0

Manual Integrations  
 APPROVED

Sohil  
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:33:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 25 03:19:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 526387   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 2299553  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 1347969  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 2884126  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 2010627  | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.41 | 264  | 2079722  | 20.00 | ng/ul | -0.03    |

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| System Monitoring Compounds    |       |     |        |      |       |       |
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 8231   | 0.75 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 184070 | 4.45 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 111868 | 4.34 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 149429 | 4.72 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 158656 | 4.91 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 72518  | 5.12 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 76864  | 5.36 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 160864 | 4.89 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 110891 | 3.27 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 514349 | 5.26 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 610061 | 5.08 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.43 | 143 | 61399  | 3.97 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.23 | 176 | 439471 | 5.35 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 33115  | 2.55 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.08 | 188 | 648230 | 5.36 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 624735 | 6.07 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 447976 | 4.93 | ng/ul | -0.03 |

|                            |       |     |          |        |       |     |
|----------------------------|-------|-----|----------|--------|-------|-----|
| Target Compounds           |       |     |          | Ovalue |       |     |
| 28) Naphthalene            | 10.40 | 128 | 398999   | 3.732  | ng/ul | 99  |
| 34) 2-Methylnaphthalene    | 12.03 | 142 | 1141531  | 14.584 | ng/ul | 98  |
| 40) 1,1'-Biphenyl          | 13.06 | 154 | 224705   | 2.237  | ng/ul | 100 |
| 47) Acenaphthylene         | 13.95 | 152 | 1700751  | 14.400 | ng/ul | 98  |
| 49) Acenaphthene           | 14.29 | 153 | 132908   | 1.648  | ng/ul | 96  |
| 53) Dibenzofuran           | 14.63 | 168 | 118353   | 1.019  | ng/ul | 90  |
| 58) Fluorene               | 15.28 | 166 | 660184   | 7.288  | ng/ul | 98  |
| 69) Phenanthrene           | 17.03 | 178 | 3299810  | 23.493 | ng/ul | 100 |
| 71) Anthracene             | 17.12 | 178 | 929385   | 6.495  | ng/ul | 99  |
| 76) Fluoranthene           | 19.06 | 202 | 1936143  | 12.427 | ng/ul | 98  |
| 79) Pyrene                 | 19.43 | 202 | 8923091  | 68.927 | ng/ul | 97  |
| 82) Benzo(a)anthracene     | 21.19 | 228 | 1233272m | 9.860  | ng/ul |     |
| 84) Chrysene               | 21.25 | 228 | 897369   | 7.730  | ng/ul | 97  |
| 87) Benzo(b)fluoranthene   | 22.76 | 252 | 2145956m | 18.356 | ng/ul |     |
| 88) Benzo(k)fluoranthene   | 22.79 | 252 | 673319m  | 6.030  | ng/ul |     |
| 90) Benzo(a)pyrene         | 23.31 | 252 | 1584723  | 14.421 | ng/ul | 99  |
| 91) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 923103   | 7.598  | ng/ul | 95  |
| 92) Dibenzo(a,h)anthracene | 25.59 | 278 | 315708   | 3.062  | ng/ul | 94  |
| 93) Benzo(g,h,i)perylene   | 26.24 | 276 | 647423   | 6.445  | ng/ul | 99  |

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

