

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\  
 Data File : BN005391.D  
 Acq On : 01 May 2019 03:10  
 Operator : JU/SJ  
 Sample : K2497-02ME 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHX8ME

Manual Integrations  
 APPROVED

Sohil  
 5/1/2019 12:06:03 PM

Quant Time: May 01 07:43:59 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  | 412258   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1793753  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 1158802  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 2750044  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 2394217  | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.40 | 264  | 2289735  | 20.00 | ng/ul | -0.04    |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 8638   | 1.01 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 212528 | 6.56 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 121597 | 6.02 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 170942 | 6.90 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 178601 | 7.06 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 85851  | 7.78 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 101737 | 9.09 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 186973 | 7.29 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 212500 | 8.03 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 636728 | 7.57 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 13.91 | 160 | 772593 | 7.48 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4           | 14.44 | 143 | 93893  | 7.07 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.22 | 176 | 563943 | 7.99 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 74014  | 5.98 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.07 | 188 | 900042 | 7.81 | ng/ul | -0.01 |
| 78) Pyrene-d10                 | 19.39 | 212 | 959346 | 7.83 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 735773 | 7.35 | ng/ul | -0.04 |

## Target Compounds

|                            |       |     |          |        | Ovalue |    |
|----------------------------|-------|-----|----------|--------|--------|----|
| 47) Acenaphthylene         | 13.95 | 152 | 937731   | 9.236  | ng/ul  | 99 |
| 58) Fluorene               | 15.28 | 166 | 143155   | 1.838  | ng/ul# | 96 |
| 69) Phenanthrene           | 17.02 | 178 | 3463199  | 25.858 | ng/ul  | 99 |
| 71) Anthracene             | 17.11 | 178 | 1512293  | 11.084 | ng/ul  | 99 |
| 74) Carbazole              | 17.38 | 167 | 208556   | 1.779  | ng/ul  | 96 |
| 76) Fluoranthene           | 19.06 | 202 | 11054626 | 74.414 | ng/ul  | 98 |
| 79) Pyrene                 | 19.43 | 202 | 9779300  | 63.438 | ng/ul  | 97 |
| 82) Benzo(a)anthracene     | 21.19 | 228 | 6740833  | 45.257 | ng/ul  | 95 |
| 84) Chrysene               | 21.24 | 228 | 5058175m | 36.591 | ng/ul  |    |
| 87) Benzo(b)fluoranthene   | 22.76 | 252 | 5089123  | 39.539 | ng/ul  | 98 |
| 88) Benzo(k)fluoranthene   | 22.80 | 252 | 1880528  | 15.298 | ng/ul  | 97 |
| 90) Benzo(a)pyrene         | 23.32 | 252 | 3555964  | 29.392 | ng/ul  | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 1601075  | 11.970 | ng/ul# | 94 |
| 92) Dibenzo(a,h)anthracene | 25.58 | 278 | 546743   | 4.816  | ng/ul# | 80 |
| 93) Benzo(g,h,i)perylene   | 26.24 | 276 | 910756   | 8.235  | ng/ul  | 95 |

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

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