

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP022420\  
 Data File : BP001857.D  
 Acq On : 24 Feb 2020 13:14  
 Operator : CG/JU  
 Sample : L1536-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB6R7

Manual Integrations  
 APPROVED

mohammad  
 2/25/2020 3:42:14 PM

Quant Time: Feb 24 16:20:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 24 01:10:13 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 425086   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1799567  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 1153643  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 2577390  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 2476601  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.35 | 264  | 2530578  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 62705   | 6.13  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 1226203 | 38.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 694313  | 37.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 1078980 | 41.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 835073  | 32.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 553674  | 45.45 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 623882  | 56.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 1107750 | 42.28 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 961877  | 31.04 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 3426794 | 42.33 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.98 | 160 | 4112175 | 41.25 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 611234  | 43.36 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 3000306 | 41.21 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 485741  | 47.80 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 4348071 | 38.29 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 5209116 | 40.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.21 | 264 | 5186767 | 42.44 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |             | Ovalue |
|--------------------------------|-------|-----|---------|-------------|--------|
| 45) Dimethylphthalate          | 13.75 | 163 | 324547  | 3.809 ng/ul | 99     |
| 70) Phenanthrene               | 17.08 | 178 | 460034  | 3.237 ng/ul | 100    |
| 77) Fluoranthene               | 19.06 | 202 | 927503m | 6.094 ng/ul |        |
| 80) Pyrene                     | 19.41 | 202 | 759604  | 4.509 ng/ul | 98     |
| 83) Benzo(a)anthracene         | 21.12 | 228 | 459761  | 2.819 ng/ul | 99     |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 142036  | 1.639 ng/ul | 99     |
| 85) Chrysene                   | 21.17 | 228 | 459135  | 2.882 ng/ul | 100    |
| 88) Benzo(b)fluoranthene       | 22.69 | 252 | 655461  | 4.402 ng/ul | 99     |
| 89) Benzo(k)fluoranthene       | 22.72 | 252 | 185811m | 1.204 ng/ul |        |
| 91) Benzo(a)pyrene             | 23.25 | 252 | 347228  | 2.488 ng/ul | 98     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.57 | 276 | 257594  | 1.478 ng/ul | 96     |
| 94) Benzo(g,h,i)perylene       | 26.25 | 276 | 197041  | 1.330 ng/ul | 98     |

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

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