

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\  
 Data File : BP001868.D  
 Acq On : 24 Feb 2020 19:26  
 Operator : CG/JU  
 Sample : L1536-12  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleID :  
 CB6X2

Manual Integrations  
 APPROVED

mohammad  
 2/25/2020 3:42:27 PM

Quant Time: Feb 25 06:14:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 25 05:55:24 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 381054   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1602927  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 1029178  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 2183964  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 1545496  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.35 | 264  | 1535488  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 52707   | 5.75  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 1027696 | 35.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 575500  | 34.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 913059  | 39.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 738656  | 32.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 605343  | 55.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.51  | 143 | 525195  | 53.52 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 953606  | 40.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 1005509 | 36.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 2958912 | 40.97 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 3561639 | 40.05 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 497988  | 39.60 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 2604720 | 40.10 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 407052m | 47.27 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 3615217 | 37.58 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 3971137 | 50.07 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.21 | 264 | 3192723 | 43.05 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 4) Benzaldehyde                | 6.79  | 77  | 19788   | 1.123  | ng/ul 95  |
| 28) Naphthalene                | 10.48 | 128 | 136522  | 1.594  | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 12.09 | 142 | 63199   | 1.070  | ng/ul 99  |
| 45) Dimethylphthalate          | 13.75 | 163 | 172307  | 2.267  | ng/ul 99  |
| 48) Acenaphthylene             | 14.00 | 152 | 154860  | 1.605  | ng/ul 98  |
| 50) Acenaphthene               | 14.35 | 153 | 136579  | 2.072  | ng/ul 99  |
| 54) Dibenzofuran               | 14.69 | 168 | 131625  | 1.418  | ng/ul 96  |
| 59) Fluorene                   | 15.34 | 166 | 147182  | 1.993  | ng/ul# 95 |
| 70) Phenanthrene               | 17.08 | 178 | 2265128 | 18.807 | ng/ul 100 |
| 72) Anthracene                 | 17.17 | 178 | 503215  | 4.230  | ng/ul 99  |
| 75) Carbazole                  | 17.44 | 167 | 212708  | 2.144  | ng/ul 99  |
| 77) Fluoranthene               | 19.06 | 202 | 3469009 | 26.897 | ng/ul 95  |
| 80) Pyrene                     | 19.42 | 202 | 2905138 | 27.635 | ng/ul 96  |
| 83) Benzo(a)anthracene         | 21.12 | 228 | 1540179 | 15.133 | ng/ul 97  |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 93091   | 1.722  | ng/ul# 99 |
| 85) Chrysene                   | 21.17 | 228 | 1391215 | 13.992 | ng/ul 99  |
| 88) Benzo(b)fluoranthene       | 22.69 | 252 | 1784701 | 19.753 | ng/ul 99  |
| 89) Benzo(k)fluoranthene       | 22.73 | 252 | 557138  | 5.949  | ng/ul 98  |
| 91) Benzo(a)pyrene             | 23.25 | 252 | 1125263 | 13.289 | ng/ul 99  |
| 92) Indeno(1,2,3-cd)pyrene     | 25.58 | 276 | 874422  | 8.267  | ng/ul 95  |
| 93) Dibenzo(a,h)anthracene     | 25.59 | 278 | 237395  | 2.672  | ng/ul# 95 |
| 94) Benzo(a,h,i)perylene       | 26.26 | 276 | 718676  | 7.993  | ng/ul 96  |

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

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