

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\  
 Data File : BM025783.D  
 Acq On : 26 Mar 2020 00:18  
 Operator : CG/JU  
 Sample : L1941-20  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0DM0

Manual Integrations  
 APPROVED

mohammad  
 3/27/2020 8:15:19 AM

Quant Time: Mar 26 10:21:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 24 00:45:06 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 230509   | 20.00 | ng/ul | 0.02     |
| 18) Naphthalene-d8        | 10.35 | 136  | 865945   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 533177   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.95 | 188  | 1136906  | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.14 | 240  | 1249628  | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.29 | 264  | 1420569  | 20.00 | ng/ul | -0.02    |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 7933m   | 1.44  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.75  | 99  | 97399   | 5.35  | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 283218  | 27.27 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 335510  | 22.72 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 197407  | 13.21 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 215856  | 33.54 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 237070  | 34.65 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 398041  | 28.45 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 22473   | 1.38  | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.63 | 166 | 1355522 | 33.45 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 1656306 | 34.12 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.41 | 143 | 44381   | 5.75  | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.20 | 176 | 1191165 | 33.49 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 204709  | 29.51 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.05 | 188 | 1878571 | 35.38 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.35 | 212 | 2058487 | 34.29 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.16 | 264 | 2608718 | 35.87 | ng/ul | -0.01 |

|                                |       |     |         |         |       |    |
|--------------------------------|-------|-----|---------|---------|-------|----|
| Target Compounds               |       |     |         | Ovalue  |       |    |
| 20) Nitrobenzene               | 8.76  | 77  | 1602696 | 102.212 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.38 | 216 | 457794m | 27.147  | ng/ul |    |
| 45) Dimethylphthalate          | 13.67 | 163 | 68515   | 1.624   | ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 1280950 | 73.528  | ng/uL | 98 |
| 74) Pentachlorobenzene         | 14.53 | 250 | 41835   | 2.157   | ng/uL | 97 |

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

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