

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
 Data File : BM025817.D  
 Acq On : 27 Mar 2020 01:31  
 Operator : CG/JU  
 Sample : L1968-13  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CODE5

Manual Integrations  
 APPROVED

mohammad  
 3/30/2020 8:31:13 AM

Quant Time: Mar 27 02:30:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 27 00:56:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 201623   | 20.00 | ng/ul | 0.06     |
| 18) Naphthalene-d8        | 10.36 | 136  | 717997   | 20.00 | ng/ul | 0.03     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 433276   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.95 | 188  | 943399   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 1047157  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 1165390  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 8636m   | 1.80  | ng/uL | 0.01 |
| 5) Phenol-d5                   | 6.76  | 99  | 98071   | 6.16  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 240462  | 26.47 | ng/ul | 0.02 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 294475  | 22.80 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 182909  | 13.99 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 176025  | 32.99 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 189927  | 33.48 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 327302  | 28.21 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 28395   | 2.11  | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 1095090 | 33.26 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 1315612 | 33.35 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.41 | 143 | 40035   | 6.39  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.20 | 176 | 956660  | 33.10 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 163058  | 28.33 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.05 | 188 | 1521774 | 34.54 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.34 | 212 | 1695430 | 33.71 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.16 | 264 | 2129291 | 35.69 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |         | Ovalue   |
|--------------------------------|-------|-----|---------|---------|----------|
| 20) Nitrobenzene               | 8.77  | 77  | 3183931 | 244.897 | ng/ul 99 |
| 23) 2-Nitrophenol              | 9.46  | 139 | 22152   | 3.477   | ng/ul 98 |
| 28) Naphthalene                | 10.40 | 128 | 72407   | 1.852   | ng/ul 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.38 | 216 | 678892m | 49.541  | ng/ul    |
| 45) Dimethylphthalate          | 13.67 | 163 | 80094   | 2.337   | ng/ul 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 2435651 | 168.487 | ng/uL 99 |
| 74) Pentachlorobenzene         | 14.53 | 250 | 22597   | 1.404   | ng/uL 99 |

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

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