

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\  
 Data File : BN002767.D  
 Acq On : 18 Sep 2018 23:51  
 Operator : JU/SJ  
 Sample : J4900-18MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A3ZE1MSD

Manual Integrations  
 APPROVED

Sohil  
 9/19/2018 5:12:33 PM

Quant Time: Sep 19 03:48:03 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 19 01:57:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 125625   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 510608   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.28 | 164  | 267510   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 551797   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.23 | 240  | 555475   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.44 | 264  | 584837   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 15618   | 5.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 107418  | 10.07 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 265284  | 40.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 300825  | 34.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 181771  | 22.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 169199  | 42.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.51  | 143 | 190477  | 42.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 307661  | 38.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 410     | 0.04  | ng/ul | 0.06 |
| 43) Dimethylphthalate-d6       | 13.70 | 166 | 920903  | 43.98 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 1182685 | 43.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 28338m  | 8.18  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.28 | 176 | 799168  | 43.56 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 134596  | 39.00 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 1195273 | 45.37 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.43 | 212 | 1270206 | 43.33 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.31 | 264 | 1437422 | 46.69 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue   |
|--------------------------------|-------|-----|---------|--------|----------|
| 6) Phenol                      | 6.86  | 94  | 114190  | 10.615 | ng/ul 97 |
| 10) 2-Chlorophenol             | 7.22  | 128 | 297164  | 34.102 | ng/ul 99 |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 268569  | 41.983 | ng/ul 96 |
| 33) 4-Chloro-3-methylphenol    | 11.72 | 107 | 277710  | 34.730 | ng/ul 99 |
| 49) Acenaphthene               | 14.35 | 153 | 784279  | 43.102 | ng/ul 99 |
| 52) 4-Nitrophenol              | 14.53 | 109 | 20428   | 8.479  | ng/ul 93 |
| 54) 2,4-Dinitrotoluene         | 14.67 | 165 | 258914  | 44.450 | ng/ul 88 |
| 68) Pentachlorophenol          | 16.69 | 266 | 134759  | 43.781 | ng/ul 97 |
| 79) Pvrene                     | 19.46 | 202 | 1627773 | 44.321 | ng/ul 97 |

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

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