

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
 Data File : BN009547.D  
 Acq On : 04 Feb 2020 02:22  
 Operator : CG/JU  
 Sample : L1271-01DL 10X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GASZ4DL

Manual Integrations  
 APPROVED

mohammad  
 2/4/2020 6:14:59 PM

Quant Time: Feb 04 03:16:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 16:39:56 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 174262   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.19 | 136  | 735487   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.08 | 164  | 464136   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.83 | 188  | 957528   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.04 | 240  | 836319   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.16 | 264  | 894464   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 449   | 0.11 | ng/uL | 0.02 |
| 5) Phenol-d5                   | 6.65  | 99  | 14080 | 0.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.80  | 67  | 11790 | 1.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.99  | 132 | 10911 | 0.98 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 6323  | 0.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 5975  | 1.09 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.30  | 143 | 5376  | 0.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.84  | 165 | 9986  | 0.87 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d    | 0.00 | ng/ul |      |
| 43) Dimethylphthalate-d6       | 13.50 | 166 | 45776 | 1.35 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.76 | 160 | 46894 | 1.15 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.33 | 143 | 4484m | 0.70 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.08 | 176 | 40170 | 1.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 1805  | 0.30 | ng/ul | 0.01 |
| 70) Anthracene-d10             | 16.93 | 188 | 59868 | 1.38 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.23 | 212 | 61355 | 1.40 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.02 | 264 | 56489 | 1.28 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |         |         | Ovalue |     |
|--------------------------|-------|-----|---------|---------|--------|-----|
| 28) Naphthalene          | 10.25 | 128 | 7480092 | 187.542 | ng/ul  | 100 |
| 34) 2-Methylnaphthalene  | 11.87 | 142 | 5456179 | 195.478 | ng/ul  | 95  |
| 40) 1,1'-Biphenyl        | 12.90 | 154 | 312626  | 8.651   | ng/ul  | 98  |
| 49) Acenaphthene         | 14.14 | 153 | 60815   | 1.997   | ng/ul  | 97  |
| 53) Dibenzofuran         | 14.48 | 168 | 126271  | 2.977   | ng/ul  | 94  |
| 58) Fluorene             | 15.13 | 166 | 219933  | 6.205   | ng/ul  | 98  |
| 69) Phenanthrene         | 16.87 | 178 | 2353172 | 43.093  | ng/ul  | 98  |
| 71) Anthracene           | 16.96 | 178 | 118226  | 2.134   | ng/ul  | 96  |
| 76) Fluoranthene         | 18.90 | 202 | 346611  | 5.561   | ng/ul  | 98  |
| 79) Pyrene               | 19.26 | 202 | 555515  | 9.099   | ng/ul  | 97  |
| 82) Benzo(a)anthracene   | 21.03 | 228 | 171735  | 2.974   | ng/ul  | 99  |
| 84) Chrysene             | 21.07 | 228 | 156156  | 2.716   | ng/ul  | 98  |
| 87) Benzo(b)fluoranthene | 22.53 | 252 | 70484   | 1.259   | ng/ul# | 93  |
| 90) Benzo(a)pyrene       | 23.06 | 252 | 53570   | 1.033   | ng/ul# | 90  |

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

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