

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032222\  
 Data File : VY008007.D  
 Acq On : 22 Mar 2022 17:52  
 Operator : SY/MD  
 Sample : N2061-02  
 Misc : 5.76g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RW-1-20220321-19.0-20.0

Quant Time: Mar 23 05:09:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y031722S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 17 13:55:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 7.789          | 168  | 330022     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691          | 114  | 535882     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489         | 117  | 498798     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 219366     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.142          | 65   | 175245     | 46.572   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 93.140%  |        |          |
| 35) Dibromofluoromethane    | 7.716          | 113  | 161355     | 42.874   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 85.740%  |        |          |
| 50) Toluene-d8              | 10.179         | 98   | 625527     | 55.727   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = | 111.460% |        |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 218602     | 40.472   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = | 80.940%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 3.942          | 43   | 25898      | 25.944   | ug/l   | 95       |
| 17) Carbon Disulfide        | 4.198          | 76   | 79054      | 6.919    | ug/l   | 96       |
| 19) Methyl tert-butyl Ether | 5.222          | 73   | 38499      | 3.425    | ug/l   | 98       |
| 40) Benzene                 | 8.161          | 78   | 5430372    | 332.914  | ug/l   | 97       |
| 52) Toluene                 | 10.240         | 92   | 102592     | 9.794    | ug/l   | 95       |
| 65) Chlorobenzene           | 11.514         | 112  | 169959     | 14.224   | ug/l   | 99       |
| 67) Ethyl Benzene           | 11.593         | 91   | 3851405    | 180.948  | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.697         | 106  | 489477     | 58.954   | ug/l   | 93       |
| 69) o-Xylene                | 12.026         | 106  | 662219     | 82.457   | ug/l   | 92       |
| 73) Isopropylbenzene        | 12.331         | 105  | 488056     | 25.276   | ug/l   | 99       |
| 78) n-propylbenzene         | 12.672         | 91   | 314287     | 13.479   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 12.812         | 105  | 559362     | 35.226   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.117         | 105  | 1915678    | 123.069  | ug/l   | 97       |
| 86) p-Isopropyltoluene      | 13.367         | 119  | 199412     | 11.535   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene     | 13.367         | 146  | 82304      | 9.551    | ug/l   | 90       |
| 88) 1,4-Dichlorobenzene     | 13.446         | 146  | 172545     | 19.977   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene     | 13.739         | 146  | 10347      | 1.335    | ug/l # | 34       |
| 95) Naphthalene             | 15.239         | 128  | 14352461   | 1312.851 | ug/l # | 96       |
| -----                       |                |      |            |          |        |          |

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

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