

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031822\  
 Data File : VD072324.D  
 Acq On : 19 Mar 2022 08:23  
 Operator : VA/SY  
 Sample : N1972-02  
 Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 G-4-7-17-18

Quant Time: Mar 21 01:28:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 17728    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 28699    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 33974    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 18918    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.320  | 65    | 14279    | 72.274   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 144.540% |          |
| 35) Dibromofluoromethane    | 7.908  | 113   | 11681    | 57.839   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 115.680% |          |
| 50) Toluene-d8              | 10.338 | 98    | 35558    | 48.152   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 96.300%  |          |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 16880    | 58.829   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 117.660% |          |
| Target Compounds            |        |       |          |          |            |          |
| 40) Benzene                 | 8.350  | 78    | 39020    | 48.276   | ug/l       | 99       |
| 67) Ethyl Benzene           | 11.738 | 91    | 34987    | 26.008   | ug/l       | 95       |
| 68) m/p-Xylenes             | 11.849 | 106   | 5462     | 10.693   | ug/l       | 96       |
| 69) o-Xylene                | 12.173 | 106   | 1635     | 3.346    | ug/l       | 89       |
| 73) Isopropylbenzene        | 12.473 | 105   | 13209    | 8.811    | ug/l       | 100      |
| 78) n-propylbenzene         | 12.808 | 91    | 3643     | 2.001    | ug/l       | 92       |
| 80) 1,3,5-Trimethylbenzene  | 12.955 | 105   | 4927     | 3.826    | ug/l       | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.255 | 105   | 24089    | 18.982   | ug/l       | 93       |
| 86) p-Isopropyltoluene      | 13.502 | 119   | 3043     | 2.181    | ug/l #     | 63       |
| 95) Naphthalene             | 15.384 | 128   | 228060   | 324.112  | ug/l       | 98       |
| -----                       |        |       |          |          |            |          |

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

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