

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050522\  
 Data File : VD072812.D  
 Acq On : 05 May 2022 16:13  
 Operator : VA/SY  
 Sample : N2672-05  
 Misc : 6.37G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 05

Quant Time: May 06 03:49:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 08:33:49 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 400972   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 753907   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 694334   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 347076   | 50.000   | ug/l   | # 0.00   |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 240429   | 46.193   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 92.380%  |
| 35) Dibromofluoromethane    | 7.909  | 113   | 234695   | 44.326   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 88.660%  |
| 50) Toluene-d8              | 10.332 | 98    | 980197   | 51.609   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 103.220% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 443427   | 62.614   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 125.220% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 31) Cyclohexane             | 7.979  | 56    | 13579    | 1.492    | ug/l   | # 16     |
| 39) Methylcyclohexane       | 9.350  | 83    | 125550   | 12.572   | ug/l   | 97       |
| 52) Toluene                 | 10.397 | 92    | 76526    | 4.934    | ug/l   | 94       |
| 67) Ethyl Benzene           | 11.738 | 91    | 1609079  | 57.895   | ug/l   | 100      |
| 68) m/p-Xylenes             | 11.838 | 106   | 2126948  | 198.671  | ug/l   | 98       |
| 69) o-Xylene                | 12.173 | 106   | 1716546  | 171.678  | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.467 | 105   | 1535292  | 56.855   | ug/l   | 99       |
| 78) n-propylbenzene         | 12.808 | 91    | 4488106  | 131.873  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.949 | 105   | 5461635  | 238.529  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.255 | 105   | 14655886 | 640.355  | ug/l   | 90       |
| 85) sec-Butylbenzene        | 13.391 | 105   | 2533509  | 86.290   | ug/l   | 86       |
| 86) p-Isopropyltoluene      | 13.502 | 119   | 1632762  | 67.828   | ug/l   | 99       |
| 89) n-Butylbenzene          | 13.826 | 91    | 3733987  | 160.127  | ug/l   | # 72     |
| -----                       |        |       |          |          |        |          |

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

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