

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061522\  
 Data File : VD073588.D  
 Acq On : 15 Jun 2022 13:37  
 Operator : VA/SY  
 Sample : N3293-02  
 Misc : 5.07G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 30874

Quant Time: Jun 16 06:03:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 12:33:32 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 252601   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.855  | 114   | 485460   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 459953   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 226607   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.320  | 65    | 152973   | 56.432   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 112.860% |
| 35) Dibromofluoromethane    | 7.908  | 113   | 156071   | 49.996   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 100.000% |
| 50) Toluene-d8              | 10.332 | 98    | 570931   | 48.373   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 96.740%  |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 208248   | 48.603   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 97.200%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 13) Acrolein                | 3.914  | 56    | 10884    | 91.163   | ug/l # | 83       |
| 15) Acrylonitrile           | 5.420  | 53    | 12313    | 21.109   | ug/l   | 94       |
| 16) Acetone                 | 4.162  | 43    | 64566    | 135.274  | ug/l   | 94       |
| 20) Methylene Chloride      | 4.950  | 84    | 29060    | 6.901    | ug/l # | 83       |
| 25) 2-Butanone              | 7.203  | 43    | 18965    | 27.004   | ug/l   | 98       |
| 40) Benzene                 | 8.344  | 78    | 46653    | 3.421    | ug/l   | 99       |
| 52) Toluene                 | 10.397 | 92    | 101220   | 11.572   | ug/l   | 95       |
| 67) Ethyl Benzene           | 11.732 | 91    | 60971    | 3.687    | ug/l   | 94       |
| 68) m/p-Xylenes             | 11.843 | 106   | 91628    | 14.118   | ug/l   | 99       |
| 69) o-Xylene                | 12.167 | 106   | 37371    | 6.258    | ug/l   | 97       |
| 73) Isopropylbenzene        | 12.467 | 105   | 19290    | 1.228    | ug/l   | 96       |
| 78) n-propylbenzene         | 12.808 | 91    | 58049    | 2.969    | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.943 | 105   | 93914    | 6.933    | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.255 | 105   | 362297   | 26.796   | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.385 | 105   | 31938    | 1.862    | ug/l   | 82       |
| 86) p-Isopropyltoluene      | 13.502 | 119   | 47567    | 3.327    | ug/l   | 98       |
| 89) n-Butylbenzene          | 13.826 | 91    | 47382    | 3.513    | ug/l # | 78       |
| 95) Naphthalene             | 15.379 | 128   | 54621    | 10.316   | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

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

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