

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092021\  
 Data File : VD070384.D  
 Acq On : 20 Sep 2021 15:17  
 Operator : VA/SY  
 Sample : M3798-03  
 Misc : 6.54G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 NAPL-07-(15-18)

Quant Time: Sep 21 03:34:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|-----------|--------|----------|
| -----                       |                |      |            |           |        |          |
| Internal Standards          |                |      |            |           |        |          |
| 1) Pentafluorobenzene       | 7.979          | 168  | 414459     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861          | 114  | 828234     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638         | 117  | 1113134    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567         | 152  | 621909     | 50.000    | ug/l   | 0.00     |
|                             |                |      |            |           |        |          |
| System Monitoring Compounds |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326          | 65   | 232117     | 43.617    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 87.240%   |        |          |
| 35) Dibromofluoromethane    | 7.909          | 113  | 274980     | 46.643    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 93.280%   |        |          |
| 50) Toluene-d8              | 10.338         | 98   | 1172782    | 54.790    | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = | 109.580%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.620         | 95   | 816812     | 109.188   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = | 218.380%# |        |          |
|                             |                |      |            |           |        |          |
| Target Compounds            |                |      |            |           |        | Qvalue   |
| 4) Vinyl Chloride           | 2.350          | 62   | 50625      | 7.763     | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene  | 7.209          | 96   | 617038     | 100.004   | ug/l   | 90       |
| 39) Methylcyclohexane       | 9.350          | 83   | 27939      | 2.825     | ug/l   | 94       |
| 44) Trichloroethene         | 9.108          | 130  | 22508      | 3.630     | ug/l   | 90       |
| 64) Tetrachloroethene       | 10.867         | 164  | 10615      | 1.566     | ug/l # | 86       |
| 73) Isopropylbenzene        | 12.473         | 105  | 182408     | 4.182     | ug/l   | 99       |
| 78) n-propylbenzene         | 12.808         | 91   | 605518     | 10.697    | ug/l   | 98       |
| 83) tert-Butylbenzene       | 13.214         | 119  | 136447     | 4.520     | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene  | 13.255         | 105  | 325905     | 8.792     | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.391         | 105  | 623028     | 12.983    | ug/l # | 64       |
| 86) p-Isopropyltoluene      | 13.502         | 119  | 96384      | 2.500     | ug/l   | 95       |
| 89) n-Butylbenzene          | 13.832         | 91   | 351067     | 9.133     | ug/l # | 82       |
| -----                       |                |      |            |           |        |          |

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

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