

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042122\  
 Data File : VD072671.D  
 Acq On : 21 Apr 2022 15:21  
 Operator : VA/SY  
 Sample : N2468-09  
 Misc : 4.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-15-1-8-GR

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2022  
 Supervised By :Mahesh Dadoda 04/22/2022

Quant Time: Apr 21 15:56:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.973  | 168   | 479934   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 834440   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 422260   | 50.000   | ug/l   | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 73313m   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 270001   | 46.506   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 93.020%  |
| 35) Dibromofluoromethane    | 7.909  | 113   | 276387   | 42.621   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 85.240%  |
| 50) Toluene-d8              | 10.332 | 98    | 1254901  | 55.671   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 111.340% |
| 62) 4-Bromofluorobenzene    | 12.614 | 95    | 363925   | 41.339   | ug/l   | -0.01    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 82.680%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.150  | 43    | 357646   | 330.365  | ug/l   | 97       |
| 17) Carbon Disulfide        | 4.415  | 76    | 25683    | 6.177    | ug/l   | 96       |
| 20) Methylene Chloride      | 4.950  | 84    | 43345    | 6.725    | ug/l   | # 75     |
| 25) 2-Butanone              | 7.209  | 43    | 101203   | 67.593   | ug/l   | 93       |
| 31) Cyclohexane             | 7.979  | 56    | 752099   | 99.072   | ug/l   | 90       |
| 39) Methylcyclohexane       | 9.350  | 83    | 4438699  | 436.335  | ug/l   | 98       |
| 65) Chlorobenzene           | 11.661 | 112   | 363444   | 38.498   | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.467 | 105   | 4469450  | 754.872  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.950 | 105   | 851418   | 167.904  | ug/l   | 100      |
| 83) tert-Butylbenzene       | 13.208 | 119   | 360827m  | 82.194   | ug/l   |          |
| 84) 1,2,4-Trimethylbenzene  | 13.255 | 105   | 1062991  | 214.371  | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.391 | 105   | 1831801  | 277.023  | ug/l   | # 78     |
| 89) n-Butylbenzene          | 13.832 | 91    | 1042084  | 202.393  | ug/l   | # 76     |
| 91) 1,2-Dichlorobenzene     | 13.879 | 146   | 263223   | 108.527  | ug/l   | # 54     |
| -----                       |        |       |          |          |        |          |

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

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