

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD070924\  
 Data File : VD079368.D  
 Acq On : 09 Jul 2024 18:22  
 Operator : RP/MD  
 Sample : P3141-01  
 Misc : 7.63G/5.0ml/MSVOA\_D/SOIL/B  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-140-SB00

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024  
 Supervised By :Semsettin Yesilyurt 07/10/2024

Quant Time: Jul 10 03:06:38 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D070824S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 08 17:06:59 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 7.840          | 168  | 164867     | 50.000  | ug/l   | -0.04    |
| 34) 1,4-Difluorobenzene     | 8.757          | 114  | 288458     | 50.000  | ug/l   | -0.02    |
| 63) Chlorobenzene-d5        | 11.581         | 117  | 204064     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516         | 152  | 60361      | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.210          | 65   | 79513m     | 40.926  | ug/l   | -0.02    |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 81.860% |        |          |
| 35) Dibromofluoromethane    | 7.793          | 113  | 97141      | 47.735  | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 95.460% |        |          |
| 50) Toluene-d8              | 10.257         | 98   | 360463     | 45.950  | ug/l   | -0.01    |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = | 91.900% |        |          |
| 62) 4-Bromofluorobenzene    | 12.575         | 95   | 77523      | 31.795  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 30 - 143 |      | Recovery = | 63.600% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        |          |
|                             |                |      |            |         | Qvalue |          |
| 18) Methyl Acetate          | 4.558          | 43   | 61538      | 53.224  | ug/l # | 71       |
| 20) Methylene Chloride      | 4.752          | 84   | 98223m     | 30.226  | ug/l   |          |
| 31) Cyclohexane             | 7.816          | 56   | 33800      | 11.504  | ug/l   | 89       |
| 39) Methylcyclohexane       | 9.246          | 83   | 130303     | 43.225  | ug/l   | 89       |
| 40) Benzene                 | 8.216          | 78   | 32179      | 3.888   | ug/l   | 98       |
| 52) Toluene                 | 10.322         | 92   | 50938      | 9.997   | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.681         | 91   | 23586      | 3.298   | ug/l   | 97       |
| 68) m/p-Xylenes             | 11.787         | 106  | 34523      | 12.503  | ug/l   | 83       |
| 69) o-Xylene                | 12.122         | 106  | 28305      | 10.956  | ug/l   | 82       |
| 73) Isopropylbenzene        | 12.422         | 105  | 19085      | 4.737   | ug/l   | 96       |
| 78) n-propylbenzene         | 12.763         | 91   | 18133      | 3.611   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene  | 12.898         | 105  | 23394      | 6.850   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.210         | 105  | 47438      | 13.695  | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.345         | 105  | 10983      | 2.513   | ug/l   | 80       |
| -----                       |                |      |            |         |        |          |

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

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