

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121623\  
 Data File : VD077934.D  
 Acq On : 16 Dec 2023 15:23  
 Operator : RP/MD  
 Sample : 05862-10  
 Misc : 5.02G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-SOLIDS-20231213-01

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023  
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 01:59:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D120823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 14 14:48:10 2023  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 7.875          | 168  | 9631                | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.775          | 114  | 17208               | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.581         | 117  | 17660               | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516         | 152  | 8858                | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.234          | 65   | 6749                | 59.469 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 118.940% |        |       |          |
| 35) Dibromofluoromethane    | 7.811          | 113  | 6289                | 52.175 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 104.360% |        |       |          |
| 50) Toluene-d8              | 10.263         | 98   | 22169               | 45.921 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = 91.840%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.569         | 95   | 7157                | 49.586 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 30 - 143 |      | Recovery = 99.180%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       | Qvalue   |
| 67) Ethyl Benzene           | 11.681         | 91   | 16369               | 22.264 | ug/l  | 92       |
| 68) m/p-Xylenes             | 11.787         | 106  | 5765                | 20.499 | ug/l  | 93       |
| 69) o-Xylene                | 12.122         | 106  | 4090                | 15.780 | ug/l  | 96       |
| 73) Isopropylbenzene        | 12.422         | 105  | 3470                | 5.169  | ug/l  | 93       |
| 80) 1,3,5-Trimethylbenzene  | 12.898         | 105  | 6792                | 12.130 | ug/l  | 84       |
| 84) 1,2,4-Trimethylbenzene  | 13.210         | 105  | 25642               | 45.786 | ug/l  | 98       |
| 86) p-Isopropyltoluene      | 13.451         | 119  | 1969m               | 3.147  | ug/l  |          |
| -----                       |                |      |                     |        |       |          |

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

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