

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122823\  
 Data File : VD078089.D  
 Acq On : 28 Dec 2023 13:41  
 Operator : RP/MD  
 Sample : 06031-03RE  
 Misc : 5.77G/5.0ml/MSVOA\_D/SOIL/B  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MR-321-10-12RE

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/01/2024  
 Supervised By : Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 22:24:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122623S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 27 03:40:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 7.875  | 168   | 210003   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.775  | 114   | 351373   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.581 | 117   | 394062   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.516 | 152   | 239439   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 84272    | 45.100   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 90.200%   |
| 35) Dibromofluoromethane    | 7.810  | 113   | 101805   | 45.030   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 90.060%   |
| 50) Toluene-d8              | 10.269 | 98    | 573512   | 72.093   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 144.180%# |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 279335   | 109.130  | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =      | 218.260%# |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 31) Cyclohexane             | 7.869  | 56    | 41976    | 14.082   | ug/l   | 86        |
| 39) Methylcyclohexane       | 9.275  | 83    | 384112   | 105.321  | ug/l   | 96        |
| 73) Isopropylbenzene        | 12.416 | 105   | 24439    | 1.482    | ug/l   | 100       |
| 78) n-propylbenzene         | 12.763 | 91    | 58362    | 2.940    | ug/l   | 88        |
| 85) sec-Butylbenzene        | 13.345 | 105   | 122945   | 7.048    | ug/l # | 53        |
| 89) n-Butylbenzene          | 13.787 | 91    | 80568m   | 5.622    | ug/l   |           |
| -----                       |        |       |          |          |        |           |

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

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