

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD122123\  
 Data File : VD078025.D  
 Acq On : 21 Dec 2023 14:57  
 Operator : RP/MD  
 Sample : 05940-01  
 Misc : 5.05G/5.0ml/MSVOA\_D/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PL-01-122023

Quant Time: Dec 22 05:16:14 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   | 171018   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.781  | 114   | 302428   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.581 | 117   | 283339   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516 | 152   | 136055   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 77349    | 38.383   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 76.760%  |
| 35) Dibromofluoromethane    | 7.811  | 113   | 94565    | 44.640   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 89.280%  |
| 50) Toluene-d8              | 10.269 | 98    | 391168   | 46.104   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 92.200%  |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 108908   | 42.934   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =      | 85.860%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 68) m/p-Xylenes             | 11.793 | 106   | 13181    | 2.921    | ug/l   | 94       |
| 69) o-Xylene                | 12.122 | 106   | 14975    | 3.601    | ug/l   | 93       |
| 78) n-propylbenzene         | 12.763 | 91    | 41119    | 3.272    | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene  | 12.904 | 105   | 84766    | 9.856    | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.210 | 105   | 304618   | 35.412   | ug/l   | 97       |
| 85) sec-Butylbenzene        | 13.345 | 105   | 40963    | 3.817    | ug/l   | 93       |
| 86) p-Isopropyltoluene      | 13.463 | 119   | 34471    | 3.587    | ug/l   | 98       |
| 89) n-Butylbenzene          | 13.787 | 91    | 78036    | 8.631    | ug/l # | 74       |
| -----                       |        |       |          |          |        |          |

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

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