

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101424\  
 Data File : VY019890.D  
 Acq On : 14 Oct 2024 14:31  
 Operator : SY/MD  
 Sample : P4397-01  
 Misc : 6.24g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WB-301-TOP

Quant Time: Oct 15 01:37:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 05:30:07 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.713  | 168   | 258268   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.616  | 114   | 523100   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.414 | 117   | 477257   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.347 | 152   | 164219   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 200812   | 63.148   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 126.300% |
| 35) Dibromofluoromethane    | 7.634  | 113   | 178738   | 51.780   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 103.560% |
| 50) Toluene-d8              | 10.109 | 98    | 645964   | 50.674   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 101.340% |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 202166   | 43.892   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | =      | 87.780%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.879  | 43    | 79461    | 95.989   | ug/l   | # 84     |
| 17) Carbon Disulfide        | 4.110  | 76    | 32155    | 4.330    | ug/l   | # 92     |
| 22) Diisopropyl ether       | 6.031  | 45    | 14136    | 1.298    | ug/l   | # 86     |
| 25) 2-Butanone              | 6.903  | 43    | 31799    | 28.698   | ug/l   | # 82     |
| 39) Methylcyclohexane       | 9.116  | 83    | 18263    | 2.915    | ug/l   | 88       |
| 67) Ethyl Benzene           | 11.518 | 91    | 58733    | 2.962    | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.627 | 106   | 17656    | 2.411    | ug/l   | 92       |
| 69) o-Xylene                | 11.950 | 106   | 47505    | 6.751    | ug/l   | 94       |
| 73) Isopropylbenzene        | 12.255 | 105   | 192294   | 13.921   | ug/l   | 97       |
| 78) n-propylbenzene         | 12.591 | 91    | 44469    | 2.664    | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene  | 12.737 | 105   | 92114    | 8.257    | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.042 | 105   | 288058   | 26.045   | ug/l   | 96       |
| 85) sec-Butylbenzene        | 13.176 | 105   | 16043    | 1.074    | ug/l   | # 59     |
| 86) p-Isopropyltoluene      | 13.292 | 119   | 112455   | 9.275    | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

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

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