

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020624\  
 Data File : VY017259.D  
 Acq On : 06 Feb 2024 13:05  
 Operator : SY/MD  
 Sample : P1334-07  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HR-04-020124

Quant Time: Feb 06 15:46:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020124S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 02 00:56:04 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 7.807          | 168  | 74853               | 50.000  | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.703          | 114  | 138208              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.508         | 117  | 131788              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.440         | 152  | 53975               | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.161          | 65   | 45048               | 67.367  | ug/l   | 0.01     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 134.740% |         |        |          |
| 35) Dibromofluoromethane    | 7.734          | 113  | 47855               | 64.129  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 128.260% |         |        |          |
| 50) Toluene-d8              | 10.197         | 98   | 166299              | 61.207  | ug/l   | 0.01     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = 122.420% |         |        |          |
| 62) 4-Bromofluorobenzene    | 12.495         | 95   | 56360               | 63.323  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 30 - 143 |      | Recovery = 126.640% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         | Qvalue |          |
| 16) Acetone                 | 3.991          | 43   | 1912                | 9.728   | ug/l # | 83       |
| 20) Methylene Chloride      | 4.741          | 84   | 5286                | 3.294   | ug/l   | 95       |
| 25) 2-Butanone              | 7.008          | 43   | 2511                | 9.611   | ug/l # | 77       |
| 52) Toluene                 | 10.258         | 92   | 10078               | 4.542   | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.605         | 91   | 42123               | 9.168   | ug/l   | 99       |
| 68) m/p-Xylenes             | 11.715         | 106  | 92566               | 53.087  | ug/l   | 100      |
| 69) o-Xylene                | 12.044         | 106  | 108241              | 67.410  | ug/l   | 98       |
| 73) Isopropylbenzene        | 12.343         | 105  | 36727               | 9.262   | ug/l   | 100      |
| 78) n-propylbenzene         | 12.684         | 91   | 104377              | 21.433  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.825         | 105  | 178684              | 56.661  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.135         | 105  | 444586              | 142.827 | ug/l   | 98       |
| 85) sec-Butylbenzene        | 13.263         | 105  | 57609               | 13.635  | ug/l   | 85       |
| 86) p-Isopropyltoluene      | 13.379         | 119  | 34404               | 10.190  | ug/l   | 99       |
| 89) n-Butylbenzene          | 13.709         | 91   | 74202               | 23.116  | ug/l # | 78       |
| 95) Naphthalene             | 15.251         | 128  | 1738348             | 653.739 | ug/l   | 99       |
| -----                       |                |      |                     |         |        |          |

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

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