

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110322\  
 Data File : VD074712.D  
 Acq On : 03 Nov 2022 13:46  
 Operator : VA/SY  
 Sample : N5317-24DL 4X  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PT-VOA-SOILDL

Quant Time: Nov 04 00:01:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 03 02:30:45 2022  
 Response via : Initial Calibration

| Compound                        | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|---------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                           |                |      |                     |         |        |          |
| Internal Standards              |                |      |                     |         |        |          |
| 1) Pentafluorobenzene           | 7.875          | 168  | 154844              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene         | 8.775          | 114  | 266008              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5            | 11.581         | 117  | 236582              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4      | 13.516         | 152  | 93407               | 50.000  | ug/l   | 0.00     |
|                                 |                |      |                     |         |        |          |
| System Monitoring Compounds     |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4       | 8.228          | 65   | 62904               | 51.292  | ug/l   | 0.00     |
| Spiked Amount 50.000            | Range 50 - 163 |      | Recovery = 102.580% |         |        |          |
| 35) Dibromofluoromethane        | 7.805          | 113  | 77165               | 49.039  | ug/l   | 0.00     |
| Spiked Amount 50.000            | Range 54 - 147 |      | Recovery = 98.080%  |         |        |          |
| 50) Toluene-d8                  | 10.269         | 98   | 282746              | 49.260  | ug/l   | 0.00     |
| Spiked Amount 50.000            | Range 49 - 140 |      | Recovery = 98.520%  |         |        |          |
| 62) 4-Bromofluorobenzene        | 12.569         | 95   | 83901               | 50.626  | ug/l   | 0.00     |
| Spiked Amount 50.000            | Range 25 - 144 |      | Recovery = 101.260% |         |        |          |
|                                 |                |      |                     |         |        |          |
| Target Compounds                |                |      |                     |         |        | Qvalue   |
| 12) 1,1-Dichloroethene          | 3.934          | 96   | 81092               | 48.612  | ug/l   | 93       |
| 16) Acetone                     | 4.023          | 43   | 29925               | 116.928 | ug/l   | 92       |
| 19) Methyl tert-butyl Ether     | 5.311          | 73   | 162015              | 51.068  | ug/l   | 100      |
| 20) Methylene Chloride          | 4.799          | 84   | 80324               | 33.068  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene    | 5.317          | 96   | 65050               | 35.480  | ug/l   | 95       |
| 24) 1,1-Dichloroethane          | 6.105          | 63   | 144413              | 51.829  | ug/l   | 98       |
| 25) 2-Butanone                  | 7.075          | 43   | 32447               | 92.208  | ug/l   | 95       |
| 26) 2,2-Dichloropropane         | 7.069          | 77   | 120182              | 46.876  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene      | 7.081          | 96   | 85029               | 42.043  | ug/l   | 98       |
| 30) Chloroform                  | 7.593          | 83   | 142265              | 47.794  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane       | 7.787          | 97   | 21972               | 8.356   | ug/l   | 97       |
| 36) 1,1-Dichloropropene         | 8.005          | 75   | 81204               | 33.998  | ug/l   | 99       |
| 40) Benzene                     | 8.252          | 78   | 317459              | 44.968  | ug/l   | 95       |
| 42) 1,2-Dichloroethane          | 8.322          | 62   | 77179               | 47.554  | ug/l   | 99       |
| 45) 1,2-Dichloropropane         | 9.305          | 63   | 25799               | 16.523  | ug/l   | 92       |
| 47) Bromodichloromethane        | 9.581          | 83   | 100811              | 46.279  | ug/l   | 96       |
| 52) Toluene                     | 10.334         | 92   | 202003              | 46.734  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene       | 10.552         | 75   | 33060               | 17.160  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene     | 10.016         | 75   | 78945               | 32.655  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane       | 10.734         | 97   | 40745               | 33.147  | ug/l   | 97       |
| 59) 2-Hexanone                  | 10.922         | 43   | 34386               | 69.530  | ug/l   | 100      |
| 60) Dibromochloromethane        | 11.075         | 129  | 38937               | 26.534  | ug/l   | 100      |
| 65) Chlorobenzene               | 11.604         | 112  | 238130              | 50.826  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane   | 11.681         | 131  | 73331               | 46.132  | ug/l   | 97       |
| 68) m/p-Xylenes                 | 11.793         | 106  | 114349              | 34.691  | ug/l   | 99       |
| 69) o-Xylene                    | 12.122         | 106  | 109723              | 36.208  | ug/l   | 96       |
| 71) Bromoform                   | 12.299         | 173  | 18108               | 21.271  | ug/l # | 95       |
| 75) 1,1,1,2,2-Tetrachloroethane | 12.669         | 83   | 9825                | 8.568   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane      | 12.722         | 75   | 24242               | 33.479  | ug/l # | 1        |
| 82) 4-Chlorotoluene             | 12.946         | 91   | 135165              | 29.521  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene      | 13.210         | 105  | 266804              | 48.565  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene         | 13.828         | 146  | 97919               | 35.284  | ug/l   | 99       |
| 95) Naphthalene                 | 15.328         | 128  | 110633              | 33.615  | ug/l   | 99       |
| -----                           |                |      |                     |         |        |          |

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