

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081023\  
 Data File : VY015025.D  
 Acq On : 10 Aug 2023 14:18  
 Operator : SY/MD  
 Sample : 03945-02  
 Misc : 6.78g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NEVINS-SB01-Z78-80

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 08/11/2023  
 Supervised By :Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:55:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 07:44:56 2023  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|-----------|-------|----------|
| -----                       |                |      |            |           |       |          |
| Internal Standards          |                |      |            |           |       |          |
| 1) Pentafluorobenzene       | 7.795          | 168  | 208023     | 50.000    | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.691          | 114  | 370398     | 50.000    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.502         | 117  | 337146     | 50.000    | ug/l  | # 0.01   |
| 72) 1,4-Dichlorobenzene-d4  | 13.440         | 152  | 101000     | 50.000    | ug/l  | # 0.02   |
| System Monitoring Compounds |                |      |            |           |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.155          | 65   | 111862     | 44.367    | ug/l  | 0.02     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 88.740%   |       |          |
| 35) Dibromofluoromethane    | 7.722          | 113  | 116321     | 49.109    | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 98.220%   |       |          |
| 50) Toluene-d8              | 10.179         | 98   | 566839     | 62.874    | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = | 125.740%  |       |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 372562     | 116.598   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 30 - 143 |      | Recovery = | 233.200%# |       |          |
| Target Compounds            |                |      |            |           |       |          |
|                             |                |      |            |           |       | Qvalue   |
| 16) Acetone                 | 3.948          | 43   | 35109      | 44.655    | ug/l  | 93       |
| 17) Carbon Disulfide        | 4.192          | 76   | 89660      | 24.663    | ug/l  | 100      |
| 31) Cyclohexane             | 7.783          | 56   | 685281     | 278.813   | ug/l  | 95       |
| 39) Methylcyclohexane       | 9.185          | 83   | 2326584    | 665.292   | ug/l  | 95       |
| 40) Benzene                 | 8.143          | 78   | 39133038m  | 4519.271  | ug/l  |          |
| 52) Toluene                 | 10.246         | 92   | 3716022    | 666.873   | ug/l  | 92       |
| 67) Ethyl Benzene           | 11.575         | 91   | 49913908m  | 4445.783  | ug/l  |          |
| 68) m/p-Xylenes             | 11.715         | 106  | 36376391m  | 8469.547  | ug/l  |          |
| 69) o-Xylene                | 12.038         | 106  | 28689243m  | 6826.448  | ug/l  |          |
| 73) Isopropylbenzene        | 12.325         | 105  | 27885848m  | 4107.261  | ug/l  |          |
| 78) n-propylbenzene         | 12.672         | 91   | 26544170m  | 3268.801  | ug/l  |          |
| 80) 1,3,5-Trimethylbenzene  | 12.727         | 105  | 69727532m  | 12462.602 | ug/l  |          |
| 84) 1,2,4-Trimethylbenzene  | 13.117         | 105  | 31004071m  | 5530.945  | ug/l  |          |
| 85) sec-Butylbenzene        | 13.264         | 105  | 1596728    | 212.561   | ug/l  | # 54     |
| 86) p-Isopropyltoluene      | 13.385         | 119  | 12243552   | 1969.054  | ug/l  | 92       |
| 89) n-Butylbenzene          | 13.696         | 91   | 1810204m   | 309.847   | ug/l  |          |
| -----                       |                |      |            |           |       |          |

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

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