

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
 Data File : VD074637.D  
 Acq On : 25 Oct 2022 17:17  
 Operator : VA/SY  
 Sample : N5267-16  
 Misc : 5.03G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP6-1024

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 10/31/2022  
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 01:22:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 20 06:41:20 2022  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 7.875          | 168  | 148948     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.775          | 114  | 276394     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.581         | 117  | 243080     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516         | 152  | 94952      | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.234          | 65   | 56230      | 49.446  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 98.900% |        |          |
| 35) Dibromofluoromethane    | 7.810          | 113  | 66560      | 43.318  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 86.640% |        |          |
| 50) Toluene-d8              | 10.269         | 98   | 222460     | 40.213  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = | 80.420% |        |          |
| 62) 4-Bromofluorobenzene    | 12.569         | 95   | 77806      | 48.844  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = | 97.680% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        | Qvalue   |
| 16) Acetone                 | 4.022          | 43   | 5061       | 20.380  | ug/l   | 99       |
| 39) Methylcyclohexane       | 9.275          | 83   | 9251       | 3.118   | ug/l   | 96       |
| 73) Isopropylbenzene        | 12.416         | 105  | 41279      | 5.574   | ug/l   | 98       |
| 78) n-propylbenzene         | 12.763         | 91   | 80262      | 9.171   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.898         | 105  | 6845       | 1.139   | ug/l   | 96       |
| 83) tert-Butylbenzene       | 13.169         | 119  | 14572      | 2.717   | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene  | 13.210         | 105  | 24827      | 4.197   | ug/l   | 100      |
| 85) sec-Butylbenzene        | 13.345         | 105  | 132101     | 16.416  | ug/l   | 79       |
| 86) p-Isopropyltoluene      | 13.457         | 119  | 8494m      | 1.260   | ug/l   |          |
| 89) n-Butylbenzene          | 13.786         | 91   | 90864      | 14.794  | ug/l # | 74       |
| -----                       |                |      |            |         |        |          |

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

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