Quantitation Report (QT Reviewed)

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
Data File : VV037202.D
Acq On    : 04 Sep 2024  16:52
Operator  : SY/MD
Sample    : P3391-03
Misc      : 5.00g/10mL/MSVOA_V/SOIL/A
ALS Vial  : 1   Sample Multiplier: 1

Quant Time: Sep 05 02:42:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
Quant Title  : VOC Analysis
QLast Update : Thu Sep 05 02:17:17 2024
Response via : Initial Calibration
```

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT3-2024-05

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

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       Compound                    R.T. QIon  Response  Conc Units Dev(Min)
--------------------------------------------------------------------------
 Internal Standards
  1) 1,4-Difluorobenzene          5.529  114   567733    25.000 ug/L     0.00
 28) Chlorobenzene-d5             8.780  117   549637    25.000 ug/L     0.00
 58) 1,4-Dichlorobenzene-d4      11.178  152   263349    25.000 ug/L     0.00

 System Monitoring Compounds
  4) Vinyl Chloride-d3            1.278   65   155395    15.281 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 150    Recovery   =   61.120%
  7) Chloroethane-d5              1.532   69   133945    16.968 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 150    Recovery   =   67.880%
 11) 1,1-Dichloroethene-d2        2.057   65    74006    16.179 ug/L    0.00
   Spiked Amount     25.000   Range  45 - 110    Recovery   =   64.720%
 21) 2-Butanone-d5                3.835   46    84180    38.276 ug/L    0.00
   Spiked Amount     50.000   Range  20 - 135    Recovery   =   76.560%
 24) Chloroform-d                 4.243   84   322978    18.488 ug/L    0.00
   Spiked Amount     25.000   Range  40 - 150    Recovery   =   73.960%
 26) 1,2-Dichloroethane-d4        4.941   65   175111    19.762 ug/L    0.00
   Spiked Amount     25.000   Range  70 - 130    Recovery   =   79.040%
 32) Benzene-d6                   4.954   84   655844    18.884 ug/L    0.00
   Spiked Amount     25.000   Range  20 - 135    Recovery   =   75.520%
 36) 1,2-Dichloropropane-d6       5.986   67   210392    19.554 ug/L    0.00
   Spiked Amount     25.000   Range  70 - 120    Recovery   =   78.200%
 41) Toluene-d8                   7.240   98   568990    18.116 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 130    Recovery   =   72.480%
 43) trans-1,3-Dichloroprop...    7.555   79    74784    18.056 ug/L    0.00
   Spiked Amount     25.000   Range  30 - 135    Recovery   =   72.240%
 47) 2-Hexanone-d5                8.034   63    51042    34.799 ug/L    0.00
   Spiked Amount     50.000   Range  20 - 135    Recovery   =   69.600%
 56) 1,1,2,2-Tetrachloroeth...   10.149   84   163375    19.754 ug/L    0.00
   Spiked Amount     25.000   Range  45 - 120    Recovery   =   79.000%
 66) 1,2-Dichlorobenzene-d4      11.555  152   201718    19.623 ug/L    0.00
   Spiked Amount     25.000   Range  75 - 120    Recovery   =   78.480%

 Target Compounds                                                  Qvalue
  2) Dichlorodifluoromethane      1.105   85     5942     0.760 ug/L     97
  3) Chloromethane                1.217   50     9712     1.040 ug/L     95
  5) Vinyl chloride               1.282   62     8214     0.894 ug/L #   59
  6) Bromomethane                 1.487   94     5189     0.976 ug/L     89
  8) Chloroethane                 1.549   64     4493     0.795 ug/L     89
  9) Trichlorofluoromethane       1.712  101     9712     0.775 ug/L     89
 10) 1,1,2-Trichloro-1,2,2-...    2.063  101     7375     0.941 ug/L     87
 12) 1,1-Dichloroethene           2.066   96     6922     0.970 ug/L #    1
 13) Acetone                      2.147   43     9876m    3.588 ug/L
 14) Carbon disulfide             2.237   76    18656     0.797 ug/L     98
 15) Methyl Acetate               2.388   43     3278m    0.843 ug/L
 16) Methylene chloride           2.442   84    29336     2.819 ug/L     98
 17) trans-1,2-Dichloroethene     2.693   96     7037     0.904 ug/L     93
 18) Methyl tert-butyl Ether      2.709   73    17199     0.944 ug/L #   94
 19) 1,1-Dichloroethane           3.108   63    13271     0.890 ug/L     96
 20) cis-1,2-Dichloroethene       3.812   96     7631     0.929 ug/L     78
 22) 2-Butanone                   3.947   43     5645m    2.191 ug/L
 23) Bromochloromethane           4.153  128     3232     0.882 ug/L     83
 25) Chloroform                   4.275   83    16201     1.120 ug/L     98
```

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Sample : P3391-03
Misc : 5.00g/10mL/MSVOA_V/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT3-2024-05

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

Quant Time: Sep 05 02:42:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 05 02:17:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	9036m	0.986 ug/L	
29) Cyclohexane	4.574	56	8802	0.710 ug/L #	58
30) 1,1,1-Trichloroethane	4.513	97	9519	0.780 ug/L #	47
31) Carbon tetrachloride	4.735	117	7730m	0.749 ug/L	
33) Benzene	5.011	78	25839	0.838 ug/L	100
34) Trichloroethene	5.841	95	7310	0.871 ug/L	92
35) Methylcyclohexane	6.043	83	12080m	0.883 ug/L	
37) 1,2-Dichloropropane	6.098	63	7475m	0.926 ug/L	
38) Bromodichloromethane	6.439	83	8319m	0.830 ug/L	
39) cis-1,3-Dichloropropene	6.960	75	10310m	0.842 ug/L	
42) Toluene	7.323	91	25917	0.799 ug/L	92
44) trans-1,3-Dichloropropene	7.587	75	8830m	0.891 ug/L	
45) 1,1,2-Trichloroethane	7.773	97	4957	0.823 ug/L	88
46) Tetrachloroethene	7.905	164	5150	0.835 ug/L	96
48) 2-Hexanone	8.098	43	10890m	2.921 ug/L	
49) Dibromochloromethane	8.178	129	5425	0.865 ug/L	94
50) 1,2-Dibromoethane	8.291	107	4974m	0.864 ug/L	
51) Chlorobenzene	8.818	112	17511	0.825 ug/L	93
52) Ethylbenzene	8.950	91	26501	0.729 ug/L	99
53) m,p-Xylene	9.079	106	9988m	0.741 ug/L	
54) o-Xylene	9.481	106	9525	0.733 ug/L	96
55) Styrene	9.506	104	15990m	0.726 ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	6667	0.928 ug/L #	79
59) Bromoform	9.667	173	2503	0.749 ug/L #	95
60) Isopropylbenzene	9.867	105	25303	0.740 ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	4444	0.916 ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	19541	0.719 ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	19101m	0.709 ug/L	
64) 1,3-Dichlorobenzene	11.120	146	13304	0.853 ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	15570m	0.979 ug/L	
67) 1,2-Dichlorobenzene	11.574	146	13281	0.918 ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.368	75	962m	0.878 ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	8844	0.799 ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	8436	0.864 ug/L	94
71) Naphthalene	13.442	128	19265	1.011 ug/L #	97
72) 1,2,3-Trichlorobenzene	13.680	180	7966	0.888 ug/L	95

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

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Quant Title : VOC Analysis
QLast Update : Thu Sep 05 02:17:17 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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