Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003686.D
Acq On : 08 Dec 2020 19:23
Operator : SY/MD
Sample : L4979-04
Misc : 4.85G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

Manual Integrations APPROVED
MMDadoda
12/10/2020 9:59:37 AM

Quant Time: Dec 09 02:59:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.70 | 114 | 138492 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.49 | 117 | 88053 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.43 | 152 | 19174 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.25 | 65 | 57166 | 29.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 116.76% | | | |
| 7) Chloroethane-d5 | 2.77 | 69 | 45006 | 30.46 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 121.84% | | | |
| 10) 1,1-Dichloroethene-d2 | 3.86 | 63 | 78602 | 21.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 85.32% | | | |
| 20) 2-Butanone-d5 | 6.91 | 46 | 30827 | 44.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 88.30% | | | |
| 24) Chloroform-d | 7.49 | 84 | 98313 | 27.59 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 110.36% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.15 | 65 | 54425 | 27.14 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 108.56% | | | |
| 29) Benzene-d6 | 8.12 | 84 | 200661 | 39.36 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 157.44%# | | | |
| 33) 1,2-Dichloropropane-d6 | 9.12 | 67 | 57426 | 38.07 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 152.28%# | | | |
| 37) Toluene-d8 | 10.18 | 98 | 142209 | 31.12 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 124.48% | | | |
| 38) trans-1,3-Dichloropropene- | 10.44 | 79 | 22133 | 30.70 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 122.80% | | | |
| 39) 2-Hexanone-d5 | 10.79 | 63 | 21509 | 56.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 113.82% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.56 | 84 | 30378 | 22.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 90.40% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.72 | 152 | 17151 | 24.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 98.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 3.96 | 43 | 12220 | 23.876 | ug/L | 99 |
| 16) Methylene chloride | 4.72 | 84 | 8581 | 3.529 | ug/L | 84 |
| 21) 2-Butanone | 7.00 | 43 | 2189m | 2.422 | ug/L | |
| 30) Cyclohexane | 7.79 | 56 | 1155 | 0.609 | ug/L # | 88 |
| 34) Benzene | 8.17 | 78 | 3509 | 0.697 | ug/L | 100 |
| 36) Methylcyclohexane | 9.19 | 83 | 1369 | 0.646 | ug/L # | 77 |
| 44) Toluene | 10.25 | 91 | 15501 | 2.917 | ug/L | 92 |
| 53) Ethylbenzene | 11.59 | 91 | 10991 | 1.895 | ug/L | 94 |
| 54) m,p-Xylene | 11.70 | 106 | 1607 | 0.718 | ug/L | 63 |
| 55) o-xylene | 12.03 | 106 | 645 | 0.301 | ug/L | 75 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003686.D
Acq On : 08 Dec 2020 19:23
Operator : SY/MD
Sample : L4979-04
Misc : 4.85G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 09 02:59:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_Y
**ClientSampleId :**
GB1F6

**Manual Integrations APPROVED**
MMDadoda
12/10/2020 9:59:37 AM