Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111023\
Data File : VV032908.D
Acq On : 10 Nov 2023 22:19
Operator : SY/MD
Sample : 05296-08 10X
Misc : 5.97gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH3S1

Quant Time: Nov 11 01:30:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 08 01:37:19 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.535 | 114 | 378643 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.786 | 117 | 389831 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.188 | 152 | 218883 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 126932 | 35.245 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 70.500% | | | |
| 7) Chloroethane-d5 | 1.523 | 69 | 121379 | 40.298 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 80.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.056 | 65 | 57703 | 38.791 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 77.580% | | | |
| 21) 2-Butanone-d5 | 3.786 | 46 | 137017 | 87.713 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 87.710% | | | |
| 24) Chloroform-d | 4.249 | 84 | 249874 | 43.468 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.940% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.940 | 65 | 167901 | 46.995 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.000% | | | |
| 32) Benzene-d6 | 4.960 | 84 | 483166 | 48.205 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.420% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.989 | 67 | 159729 | 52.455 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 104.900% | | | |
| 41) Toluene-d8 | 7.246 | 98 | 448827 | 45.477 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 90.960% | | | |
| 43) trans-1,3-Dichloroprop... | 7.555 | 79 | 76273 | 48.094 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 96.180% | | | |
| 47) 2-Hexanone-d5 | 8.027 | 63 | 112838 | 101.502 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 101.500% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84 | 226239 | 48.960 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.920% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.561 | 152 | 214782 | 50.920 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 101.840% | | | |
| Target Compounds | | | | | | Qvalue |
| 20) cis-1,2-Dichloroethene | 3.818 | 96 | 51891 | 17.383 | ug/L | 97 |
| 42) Toluene | 7.320 | 91 | 123212 | 10.467 | ug/L | 98 |
| 46) Tetrachloroethene | 7.908 | 164 | 11741 | 4.522 | ug/L | 87 |
| 51) Chlorobenzene | 8.818 | 112 | 104168 | 12.499 | ug/L | 100 |
| 52) Ethylbenzene | 8.947 | 91 | 1165917 | 89.786 | ug/L | 99 |
| 53) m,p-Xylene | 9.075 | 106 | 4950943 | 1001.779 | ug/L | 96 |
| 54) o-Xylene | 9.480 | 106 | 2682250 | 560.218 | ug/L | 98 |
| 60) Isopropylbenzene | 9.870 | 105 | 34099 | 2.569 | ug/L | 98 |
| 62) 1,3,5-Trimethylbenzene | 10.480 | 105 | 41715 | 3.994 | ug/L | 98 |
| 63) 1,2,4-Trimethylbenzene | 10.853 | 105 | 92818 | 9.289 | ug/L | 99 |
| 64) 1,3-Dichlorobenzene | 11.120 | 146 | 92958 | 13.442 | ug/L | 99 |
| 65) 1,4-Dichlorobenzene | 11.210 | 146 | 430535 | 59.005 | ug/L | 100 |
| 67) 1,2-Dichlorobenzene | 11.580 | 146 | 199853 | 28.309 | ug/L | 99 |
| 70) 1,2,4-trichlorobenzene | 13.201 | 180 | 2220612 | 514.343 | ug/L | 99 |
| 72) 1,2,3-Trichlorobenzene | 13.683 | 180 | 784802 | 182.062 | ug/L | 100 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111023\
Data File : VV032908.D
Acq On : 10 Nov 2023 22:19
Operator : SY/MD
Sample : 05296-08 10X
Misc : 5.97gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BH3S1

Quant Time: Nov 11 01:30:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 08 01:37:19 2023
Response via : Initial Calibration