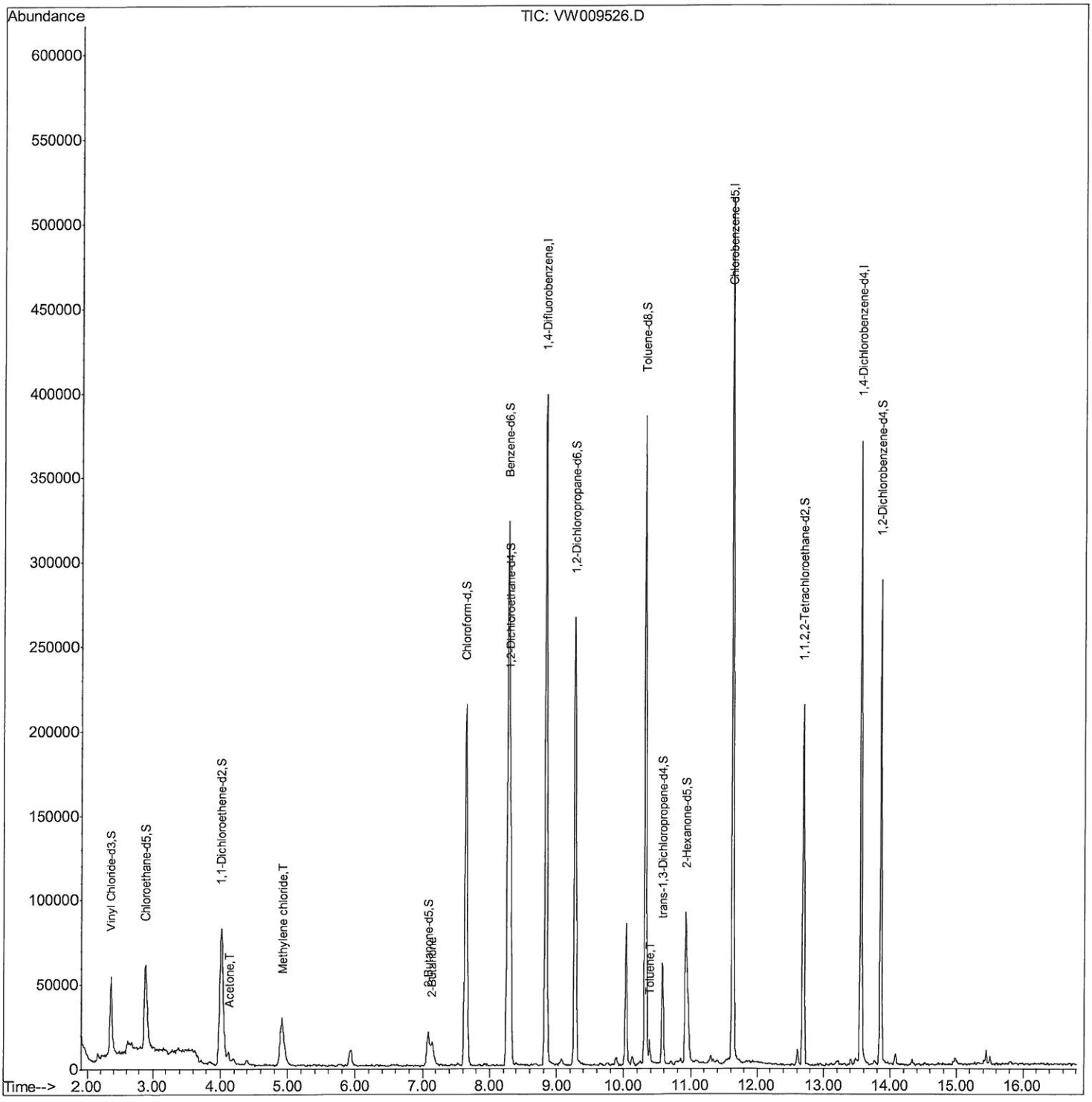
Quantitation Report (QT Reviewed)

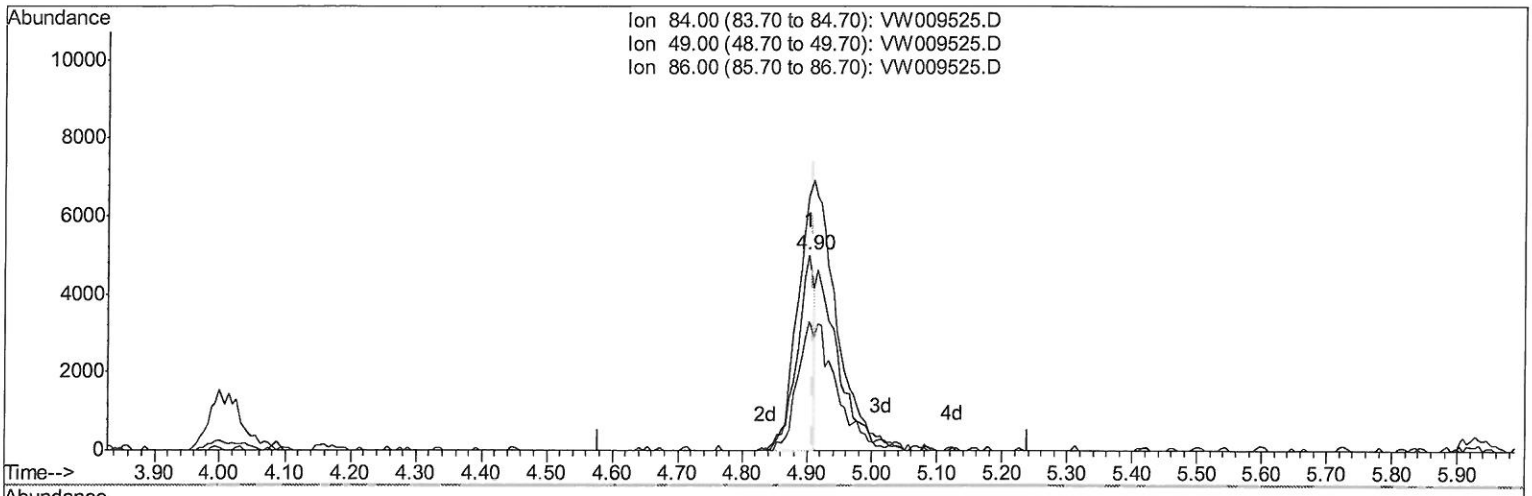
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009526.D
Acq On : 28 Mar 2019 03:44
Operator : SY/VA
Sample : K2068-22
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

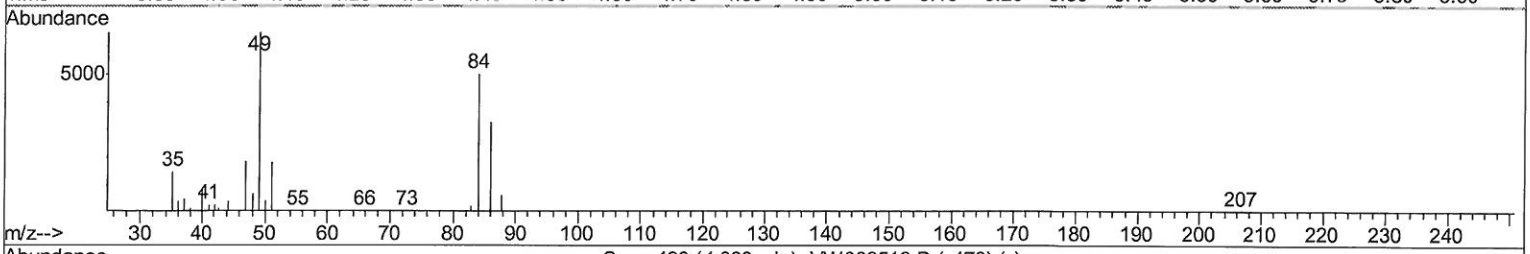
Quant Time: Mar 28 08:45:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

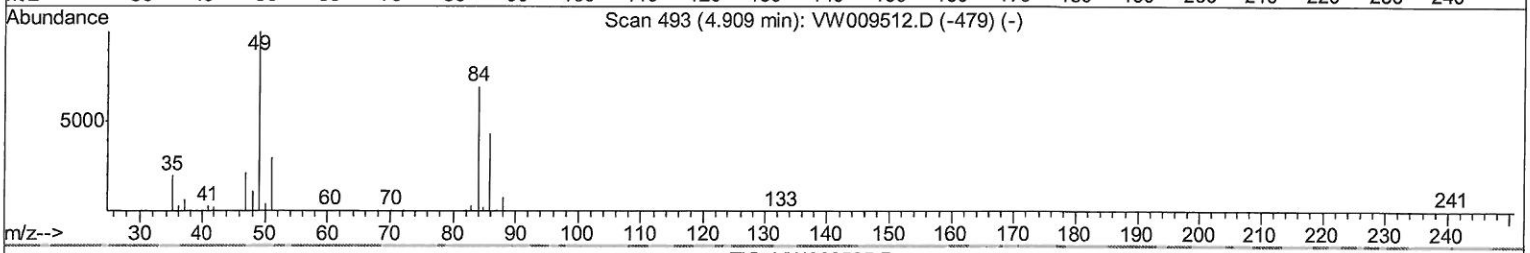


Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009525.D
Acq On : 28 Mar 2019 03:16
Operator : SY/VA
Sample : K2068-21
Misc : 3.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration







TIC: VW009525.D

(16) Methylene chloride (T)

4.903min (-0.006) 1.86ug/L

response 8874

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	129.82
86.00	63.50	65.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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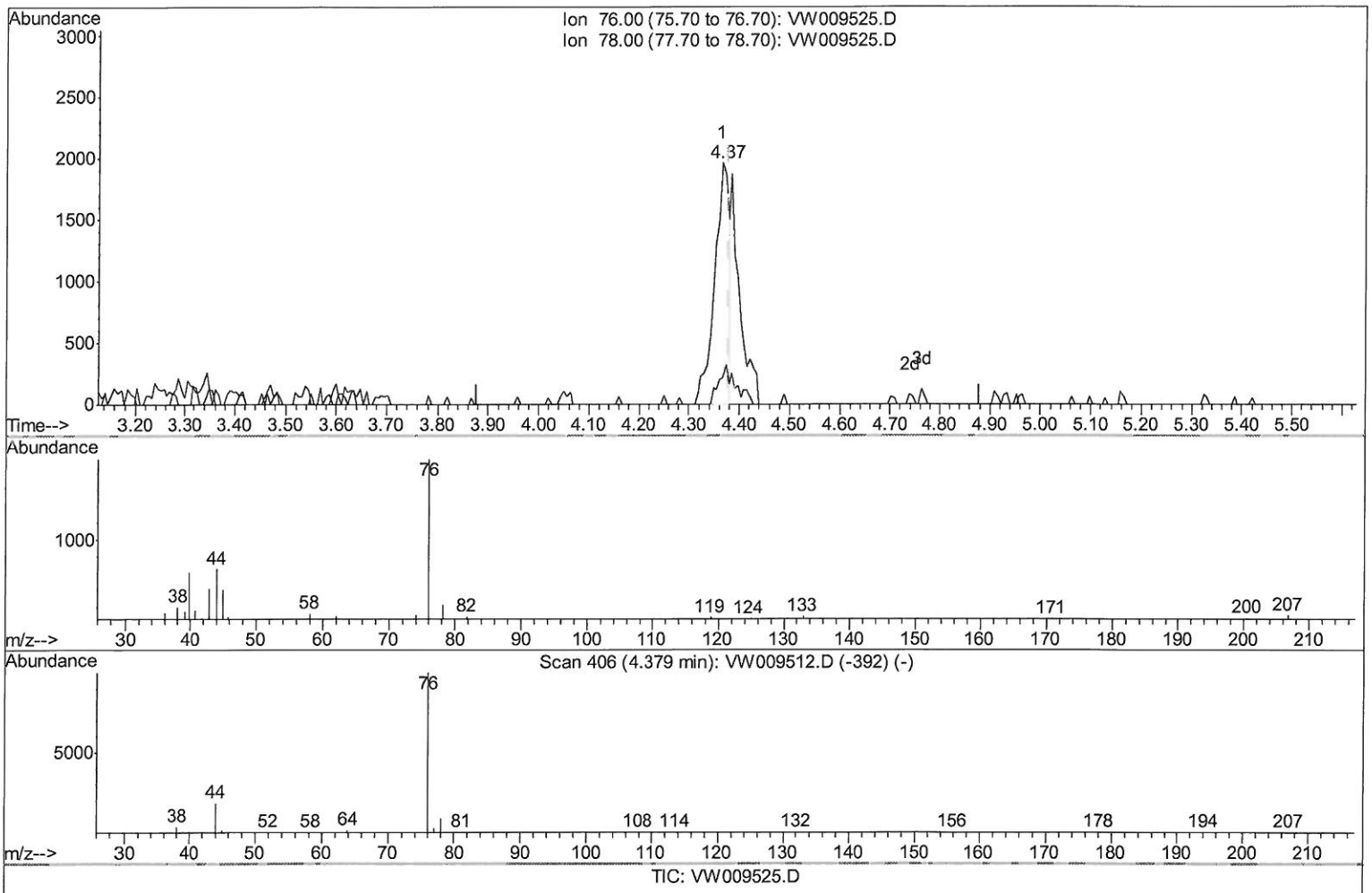
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009525.D

(14) Carbon disulfide (T)

4.367min (-0.012) 0.36ug/L

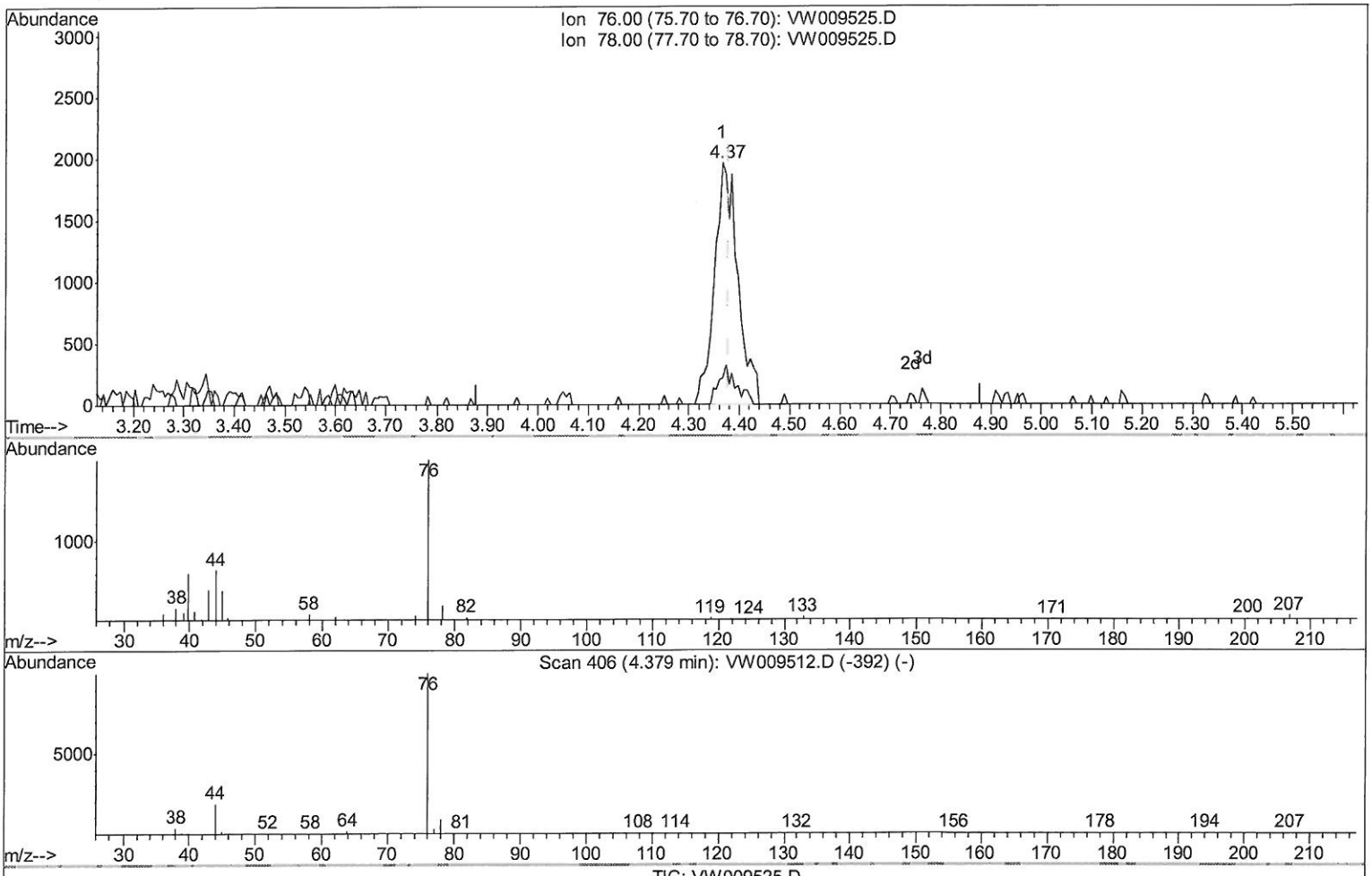
response 3858

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	10.99#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009525.D
Acq On : 28 Mar 2019 03:16
Operator : SY/VA
Sample : K2068-21
Misc : 3.63G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 07:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration



TIC: VW009525.D

(14) Carbon disulfide (T)

4.367min (-0.012) 0.58ug/L m

response 6237

Ion	Exp%	Act%
76.00	100	100
78.00	9.10	10.99#
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/6/19

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009526.D
Acq On : 28 Mar 2019 03:44
Operator : SY/VA
Sample : K2068-22
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 08:45:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:41:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	304570	25.00	uq/L	0.00
28) Chlorobenzene-d5	11.63	117	265904	25.00	uq/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87451	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	63205	17.37	uq/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.48%			
7) Chloroethane-d5	2.89	69	73750	17.32	uq/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.28%			
10) 1,1-Dichloroethene-d2	4.01	63	104481	13.28	uq/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.12%			
20) 2-Butanone-d5	7.07	46	32457	21.56	uq/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 43.12%			
24) Chloroform-d	7.64	84	192302	23.14	uq/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.56%			
26) 1,2-Dichloroethane-d4	8.30	65	114318	22.83	uq/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.32%			
29) Benzene-d6	8.27	84	308892	21.06	uq/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.24%			
33) 1,2-Dichloropropane-d6	9.27	67	107514	24.41	uq/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.64%			
37) Toluene-d8	10.32	98	241751	17.83	uq/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.32%			
38) trans-1,3-Dichloropropene-	10.57	79	29376	13.28	uq/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 53.12%			
39) 2-Hexanone-d5	10.93	63	21537	20.19	uq/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 40.38%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93926	21.65	uq/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.60%			
61) 1,2-Dichlorobenzene-d4	13.86	152	72707	21.68	uq/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.72%			
Target Compounds						Qvalue
13) Acetone	4.12	43	9435	7.644	uq/L	99
16) Methylene chloride	4.92	84	25745m	5.797	uq/L	
21) 2-Butanone	7.14	43	22001m	12.909	uq/L	
44) Toluene	10.38	91	8391	0.527	uq/L	97

MO 4/6/19

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