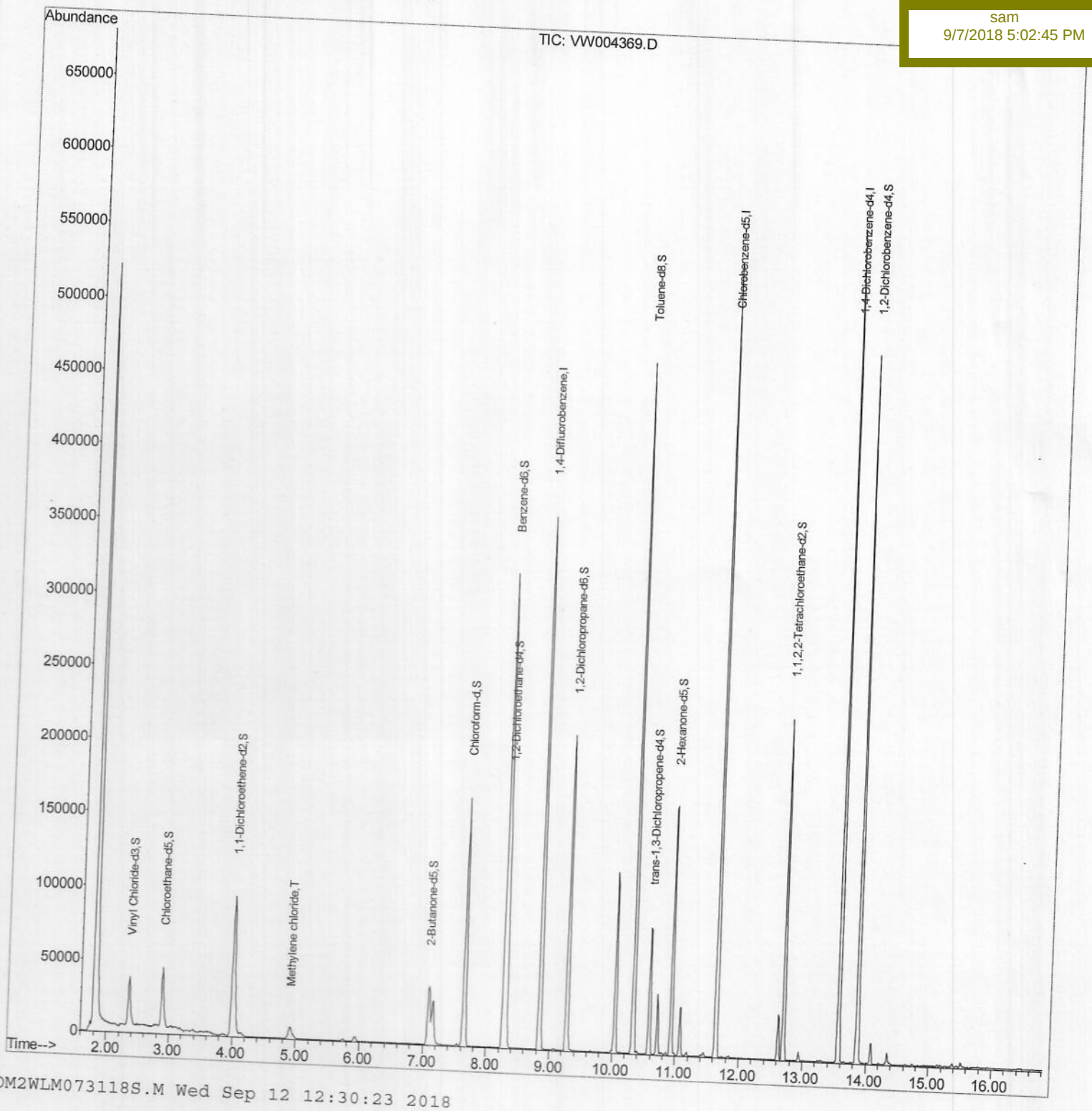
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080118\
Data File : VW004369.D
Acq On : 01 Aug 2018 11:29
Operator : SY/AP
Sample : VW0801SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 09:51:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 02 05:11:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK91

Manual Integrations APPROVED
sam
9/7/2018 5:02:45 PM



OM2WLM073118S.M Wed Sep 12 12:30:23 2018

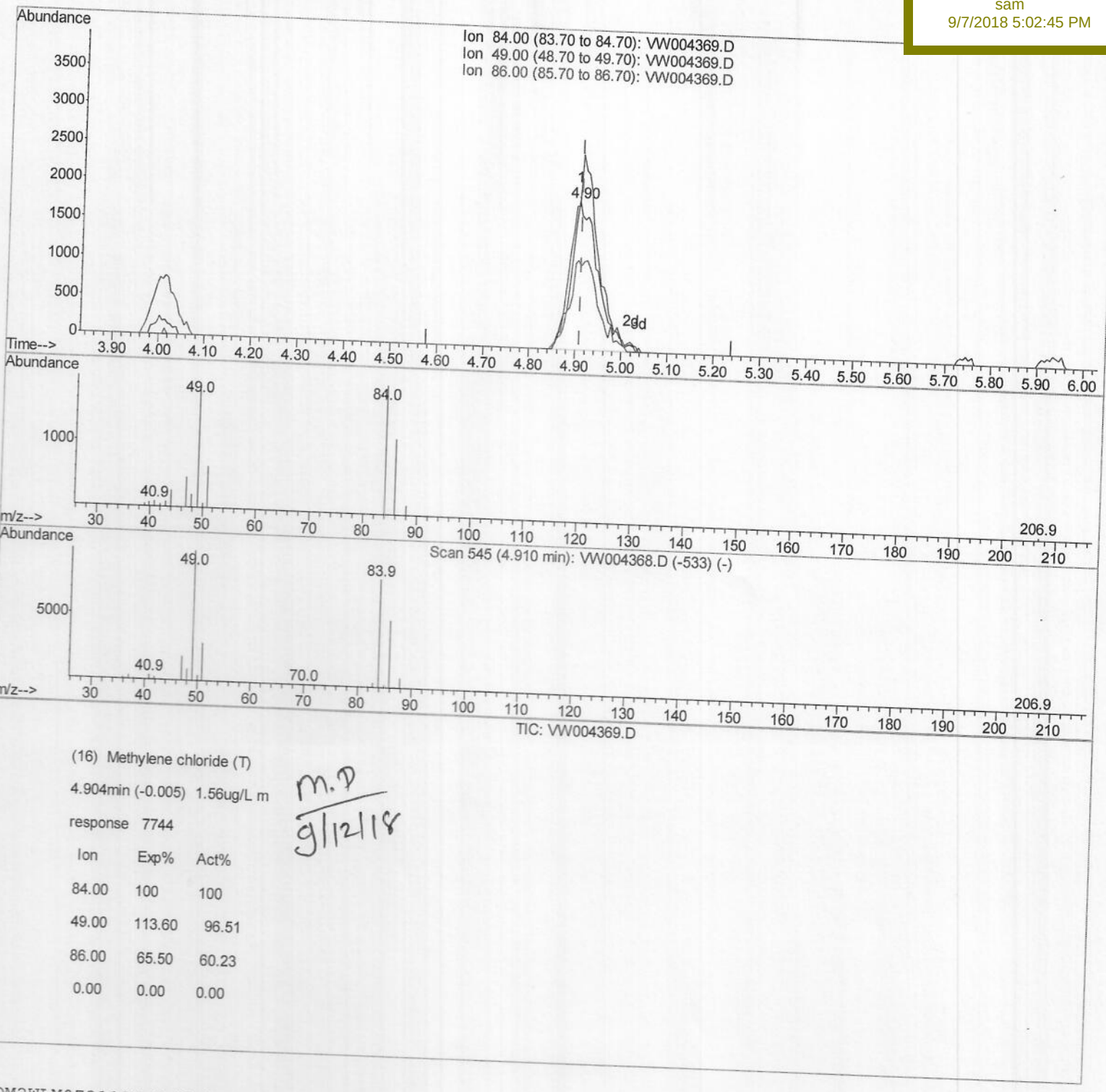
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080118\
Data File : VW004369.D
Acq On : 01 Aug 2018 11:29
Operator : SY/AP
Sample : VW0801SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 09:51:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 02 05:11:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK91

Manual Integrations APPROVED
sam
9/7/2018 5:02:45 PM



(16) Methylene chloride (T)

4.904min (-0.005) 1.56ug/L m

response 7744

M.D 9/12/18

Ion	Exp%	Act%
84.00	100	100
49.00	113.60	96.51
86.00	65.50	60.23
0.00	0.00	0.00

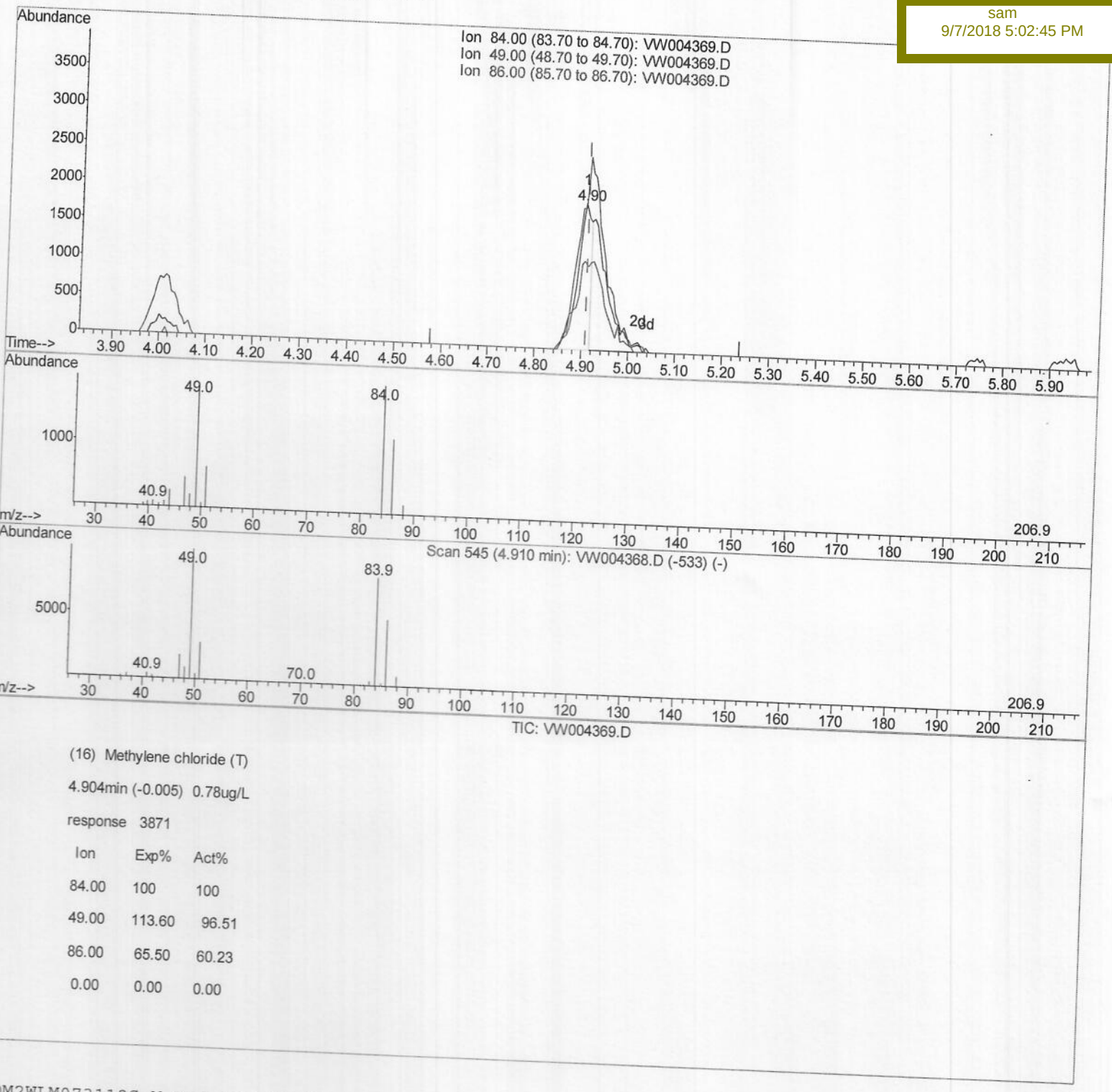
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW080118\
Data File : VW004369.D
Acq On : 01 Aug 2018 11:29
Operator : SY/AP
Sample : VW0801SBL01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 12 12:30:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 11:47:07 2018
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VBLK91

Manual Integrations APPROVED
sam
9/7/2018 5:02:45 PM



(16) Methylene chloride (T)

4.904min (-0.005) 0.78ug/L

response 3871

Ion	Exp%	Act%
84.00	100	100
49.00	113.60	96.51
86.00	65.50	60.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080118\
Data File : VW004369.D
Acq On : 01 Aug 2018 11:29
Operator : SY/AP
Sample : VW0801SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 07 09:51:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 02 05:11:26 2018
Response via : Initial Calibration

Instrument : MSVOA_W
ClientSampleId : VBLK91

Manual Integrations APPROVED
sam
9/7/2018 5:02:45 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313099	25.00 ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309152	25.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	151195	25.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.36	65	56287	23.07 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.28%		
7) Chloroethane-d5	2.89	69	58720	24.37 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.48%		
10) 1,1-Dichloroethene-d2	4.01	63	119360	16.95 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.80%		
20) 2-Butanone-d5	7.09	46	71470	47.25 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.50%		
24) Chloroform-d	7.65	84	173848	22.46 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.84%		
26) 1,2-Dichloroethane-d4	8.31	65	102100	23.56 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.24%		
29) Benzene-d6	8.27	84	337631	21.15 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.60%		
33) 1,2-Dichloropropane-d6	9.28	67	106573	21.55 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.20%		
37) Toluene-d8	10.33	98	318621	20.89 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.56%		
38) trans-1,3-Dichloropropene-	10.58	79	50117	20.97 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.88%		
39) 2-Hexanone-d5	10.93	63	56819	44.74 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.48%		
48) 1,1,2,2-Tetrachloroethane-	12.70	84	116383	22.53 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.12%		
61) 1,2-Dichlorobenzene-d4	13.87	152	135259	23.41 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.64%		
Target Compounds					Qvalue
16) Methylene chloride	4.90	84	7744m	1.565 ug/L	

m.P 9/12/18

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