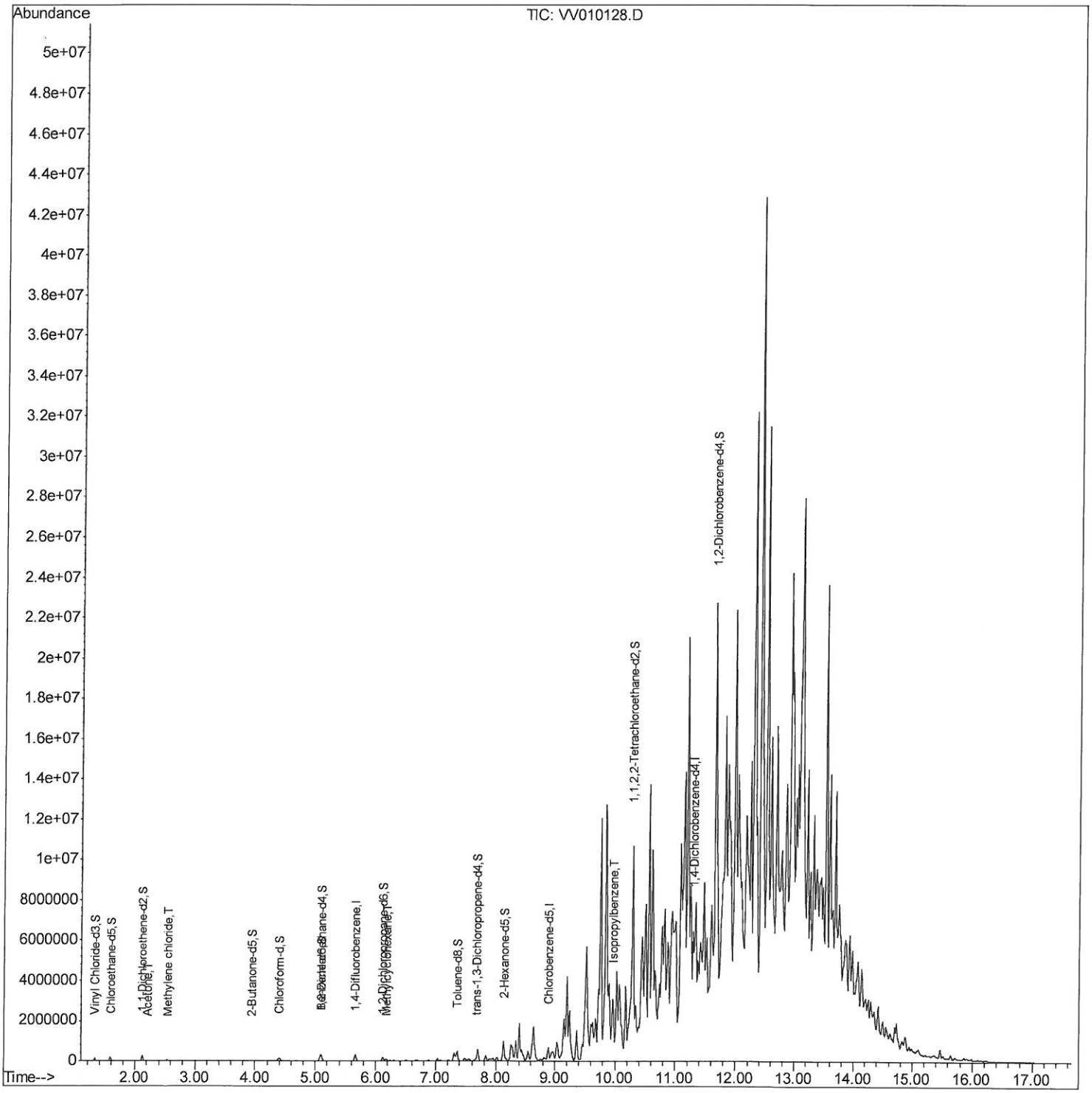
Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\
Data File : VV010128.D
Acq On : 05 Apr 2019 13:10
Operator : SY/MD
Sample : K2148-17
Misc : 4.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 00:33:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5J3

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:36 AM



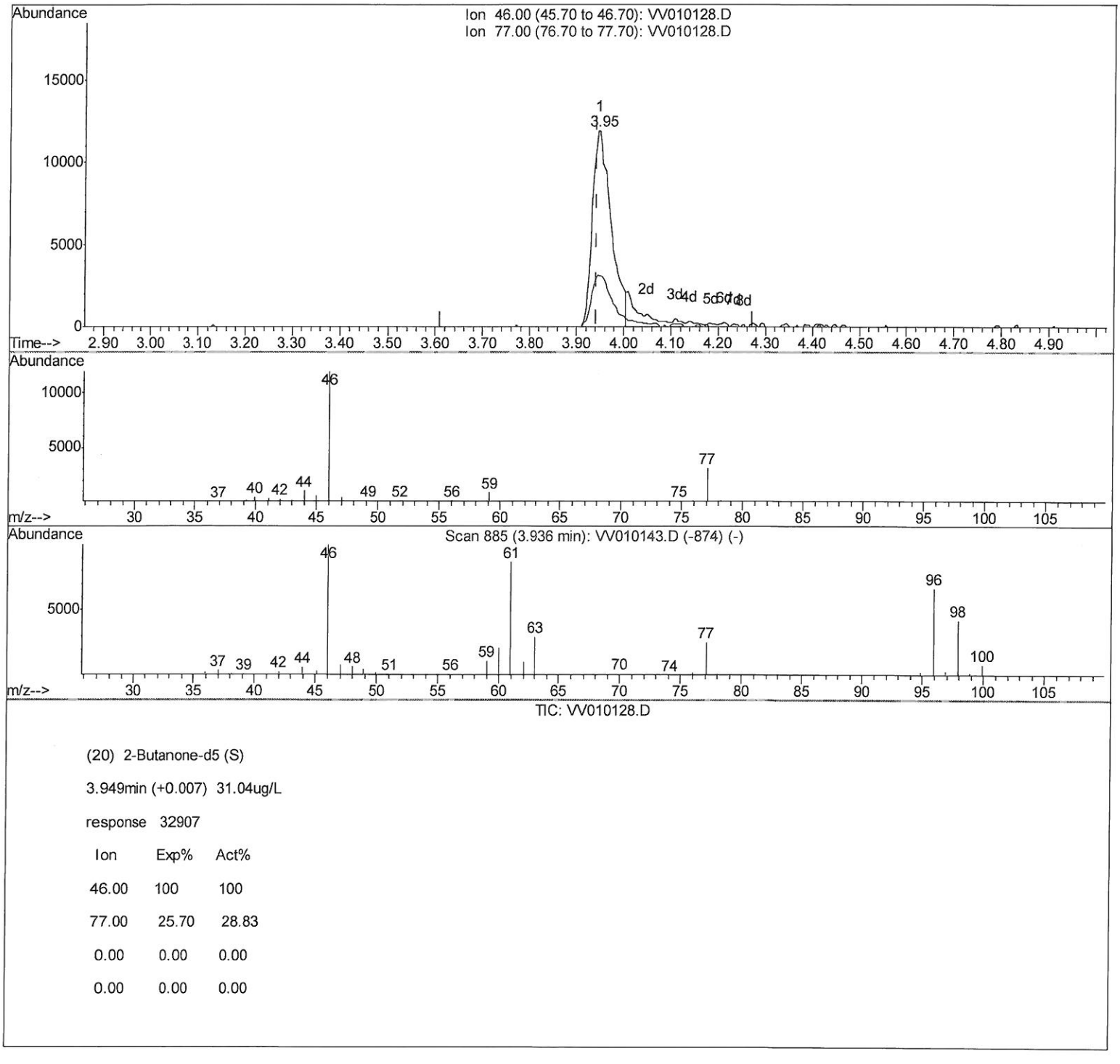
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\Not Reviewed Data\
Data File : VV010128.D
Acq On : 05 Apr 2019 13:10
Operator : SY/MD
Sample : K2148-17
Misc : 4.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 10 09:28:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5J3

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:36 AM



TIC: VV010128.D

(20) 2-Butanone-d5 (S)

3.949min (+0.007) 31.04ug/L

response 32907

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	28.83
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\
Data File : VV010128.D
Acq On : 05 Apr 2019 13:10
Operator : SY/MD
Sample : K2148-17
Misc : 4.70G/10mL/MSVOA_V/SOIL
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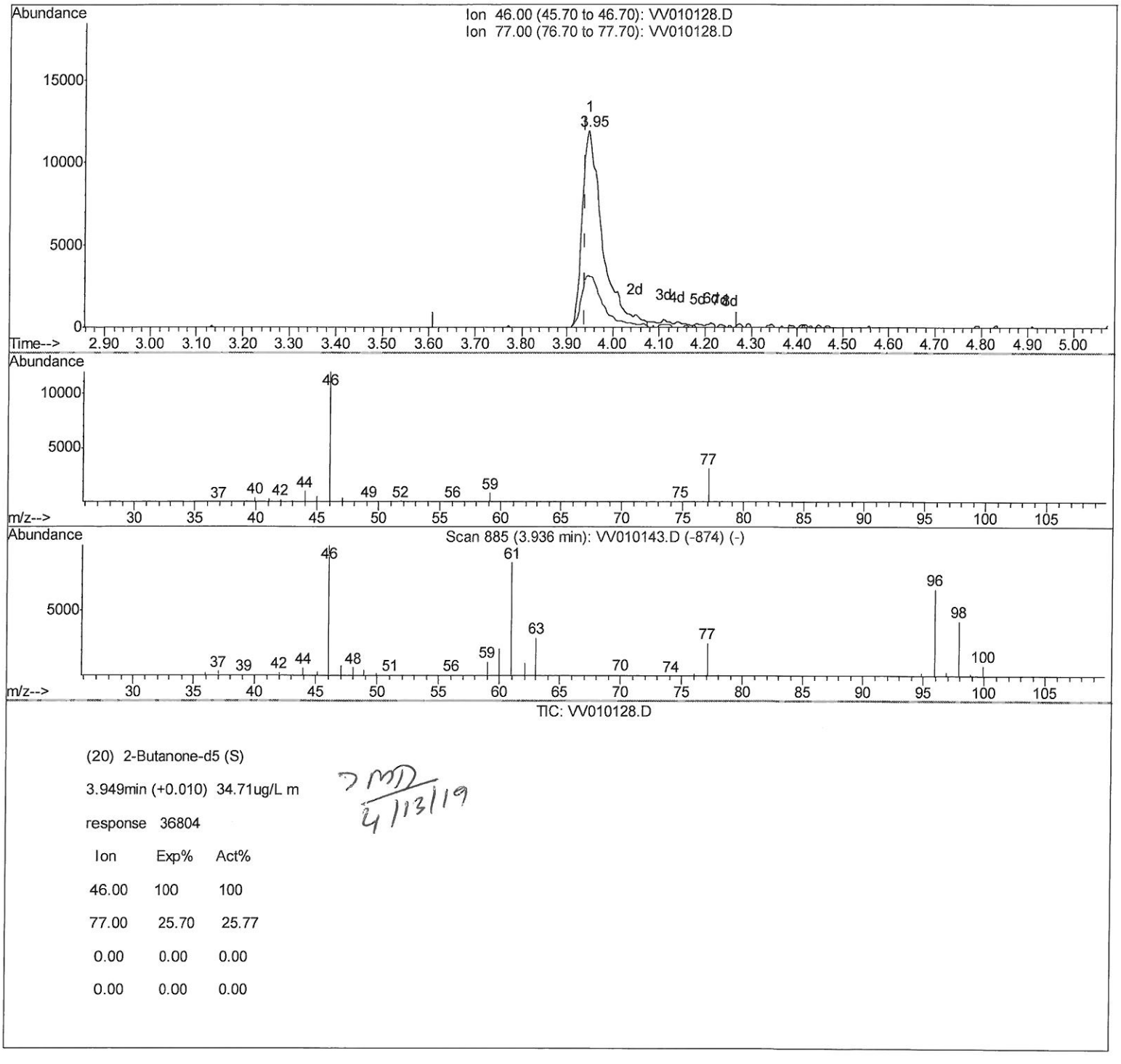
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5J3

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:36 AM



TIC: VV010128.D

(20) 2-Butanone-d5 (S)

3.949min (+0.010) 34.71ug/L m

response 36804

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	25.77
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/13/19

Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040519\
Data File : VV010128.D
Acq On : 05 Apr 2019 13:10
Operator : SY/MD
Sample : K2148-17
Misc : 4.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 06 00:33:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF5J3

Manual Integrations APPROVED
MMDadoda
4/8/2019 3:29:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	278312	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	274432	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	195015	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	61043	16.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.52%			
7) Chloroethane-d5	1.58	69	103173	22.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.16%			
10) 1,1-Dichloroethene-d2	2.13	63	127604	13.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.32%			
20) 2-Butanone-d5	3.95	46	36804m	34.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.42%			
24) Chloroform-d	4.40	84	146023	20.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.32%			
26) 1,2-Dichloroethane-d4	5.08	65	80696	20.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.28%			
29) Benzene-d6	5.10	84	302516	21.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.04%			
33) 1,2-Dichloropropane-d6	6.12	67	87689	20.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.52%			
37) Toluene-d8	7.36	98	277488	20.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.96%			
38) trans-1,3-Dichloropropene-	7.67	79	34043	18.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.84%			
39) 2-Hexanone-d5	8.14	63	30384	36.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.14%			
48) 1,1,2,2-Tetrachloroethane-	10.29	84	374098	90.31	ug/L	0.03
Spiked Amount 25.000	Range 45 - 120		Recovery = 361.24%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	274927	36.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 144.76%#			
Target Compounds						Qvalue
13) Acetone	2.21	43	21417	20.432	ug/L	100
16) Methylene chloride	2.54	84	12747	2.607	ug/L	98
36) Methylcyclohexane	6.17	83	33202	5.737	ug/L	89
57) Isopropylbenzene	9.98	105	110886	6.751	ug/L #	90

MMD 4/13/19

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