Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032919\

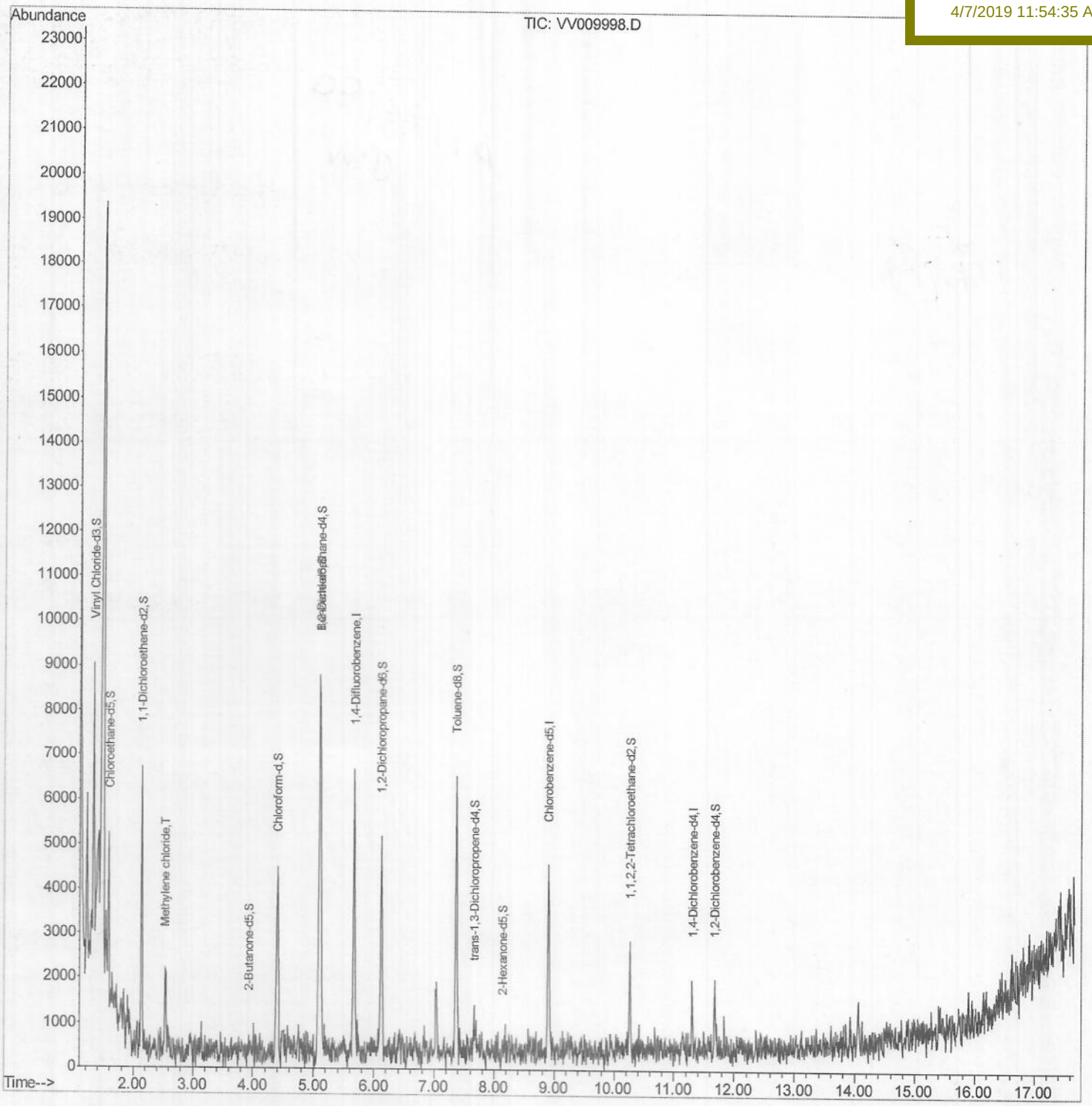
Quantitation Report (QT Reviewed)

Data File : VV009998.D
Acq On : 29 Mar 2019 13:51
Operator : SY/MD
Sample : K2120-04RE
Misc : 5.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 11:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5C7RE

Manual Integrations APPROVED
MMDadoda
4/7/2019 11:54:35 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032919\

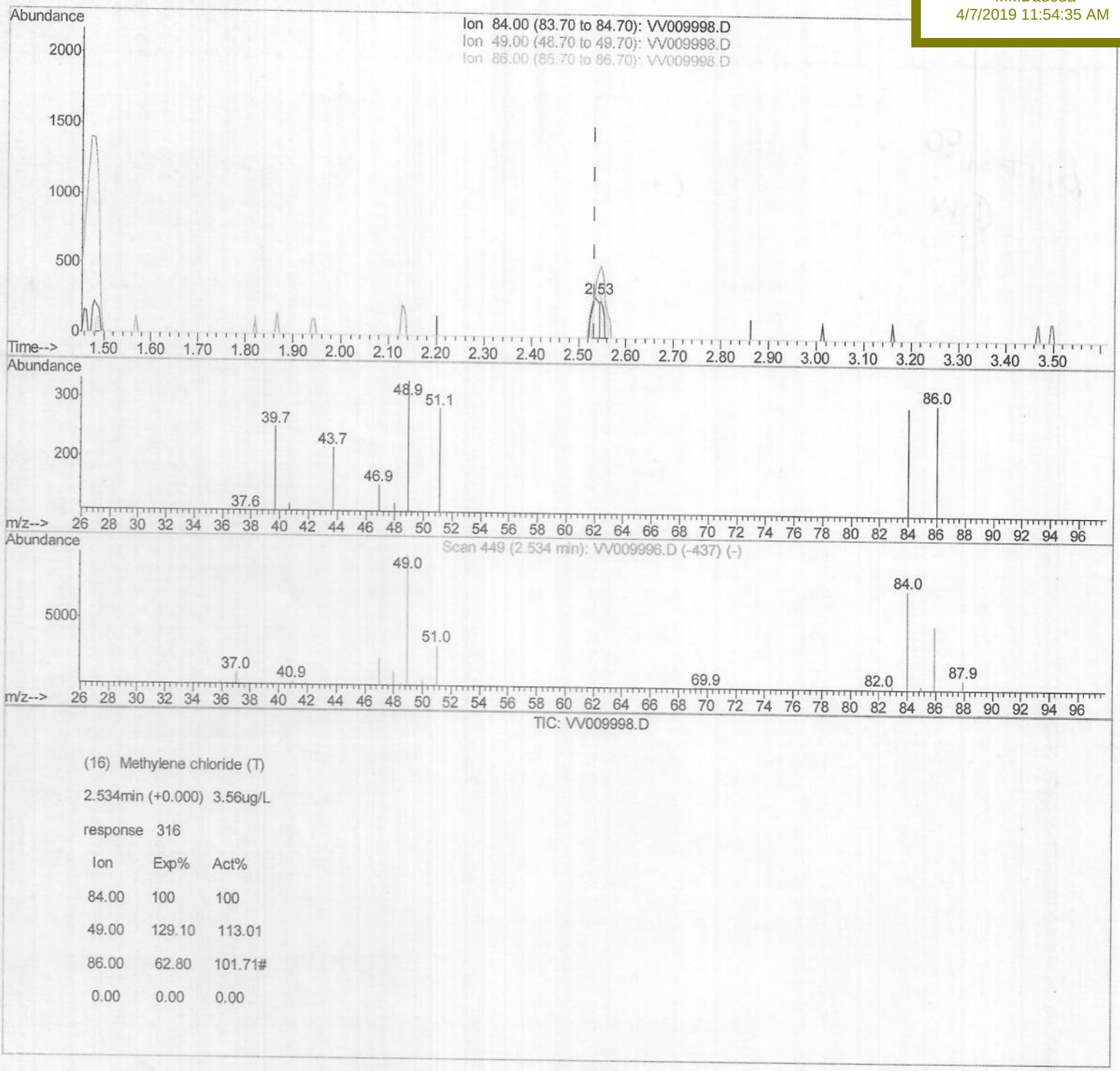
Quantitation Report (Qedit)

Data File : VV009998.D
Acq On : 29 Mar 2019 13:51
Operator : SY/MD
Sample : K2120-04RE
Misc : 5.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 11:05:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5C7RE

Manual Integrations APPROVED
MMDadoda
4/7/2019 11:54:35 AM



TIC: VV009998.D

(16) Methylene chloride (T)

2.534min (+0.000) 3.56ug/L

response 316

Ion	Exp%	Act%
84.00	100	100
49.00	129.10	113.01
86.00	62.80	101.71#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032919\

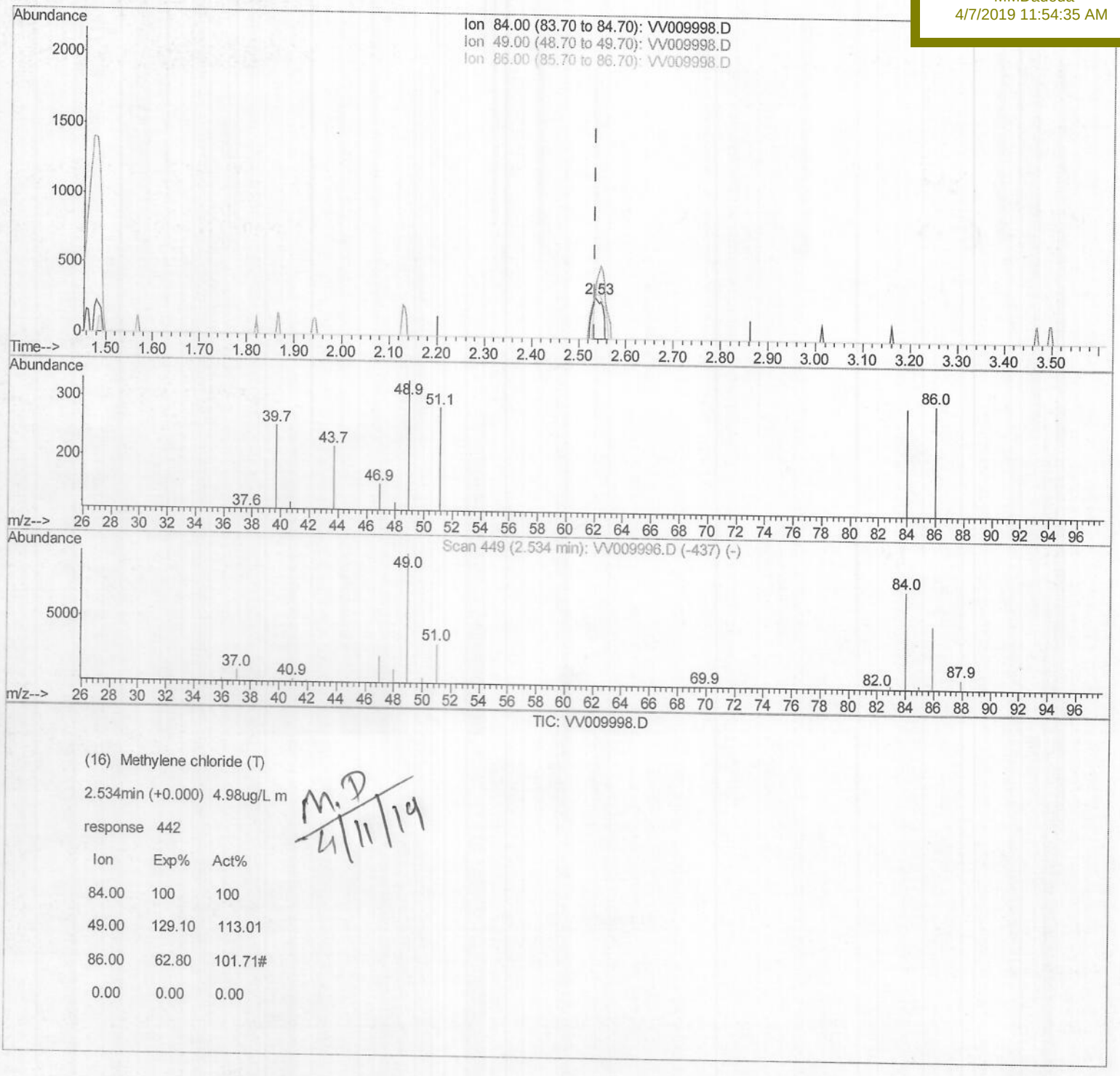
Quantitation Report (Qedit)

Data File : VV009998.D
Acq On : 29 Mar 2019 13:51
Operator : SY/MD
Sample : K2120-04RE
Misc : 5.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 11:05:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5C7RE

Manual Integrations APPROVED
MMDadoda
4/7/2019 11:54:35 AM



TIC: VV009998.D

(16) Methylene chloride (T)

2.534min (+0.000) 4.98ug/L m

response 442

Ion	Exp%	Act%
84.00	100	100
49.00	129.10	113.01
86.00	62.80	101.71#
0.00	0.00	0.00

M.D 4/11/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032919\

Quantitation Report (QT Reviewed)

Data File : VV009998.D
Acq On : 29 Mar 2019 13:51
Operator : SY/MD
Sample : K2120-04RE
Misc : 5.36G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 11:11:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : BF5C7RE

Manual Integrations APPROVED
MMDadoda
4/7/2019 11:54:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5387	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	2759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	305	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3161	28.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.68%			
7) Chloroethane-d5	1.58	69	1865	15.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.20%			
10) 1,1-Dichloroethene-d2	2.14	63	3026	10.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 40.48%#			
20) 2-Butanone-d5	3.93	46	125	6.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 12.28%#			
24) Chloroform-d	4.39	84	2042	14.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 59.52%			
26) 1,2-Dichloroethane-d4	5.09	65	2336	28.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.12%			
29) Benzene-d6	5.10	84	3735	25.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.12%			
33) 1,2-Dichloropropane-d6	6.12	67	1960	46.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 184.96%#			
37) Toluene-d8	7.36	98	4824	35.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 140.72%#			
38) trans-1,3-Dichloropropene-	7.67	79	121	6.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 27.92%#			
39) 2-Hexanone-d5	8.14	63	78	9.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 19.72%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	815	19.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 77.68%			
61) 1,2-Dichlorobenzene-d4	11.67	152	227	19.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 78.20%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	442m	4.982	ug/L	

M.D 4/11/19

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