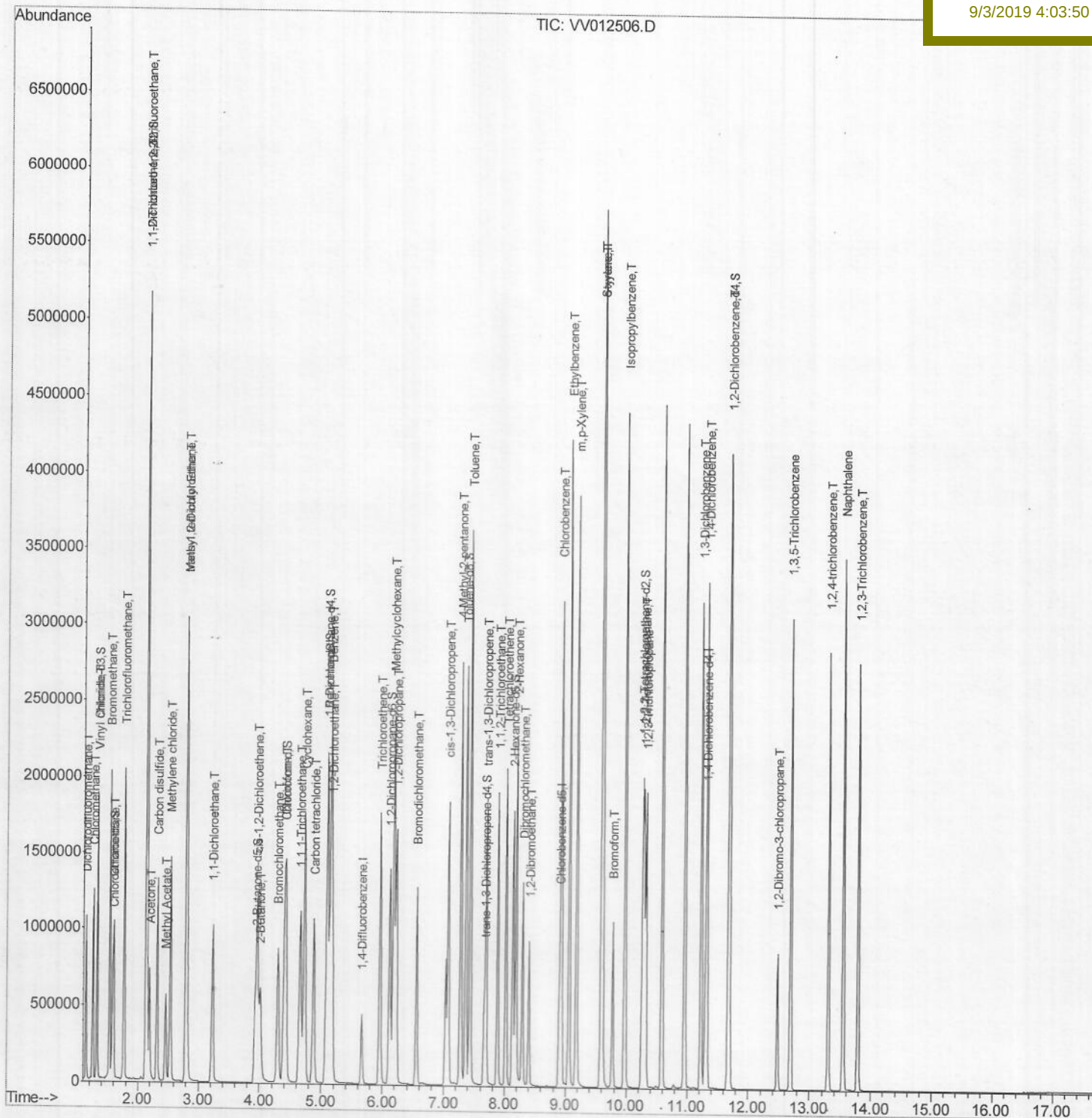


Quantitation Report (QT Reviewed)

Instrument :
MSVOA_V
ClientSampleId :
VSTD20066

Manual Integrations APPROVED

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9/3/2019 4:03:50 PM



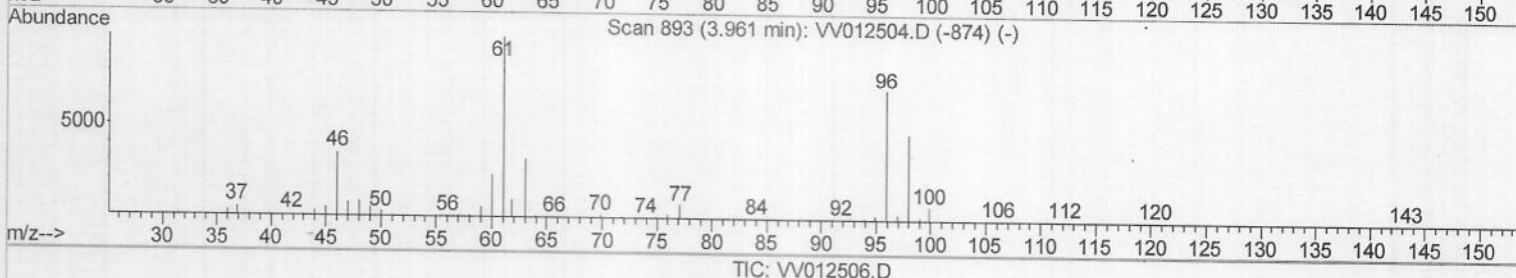
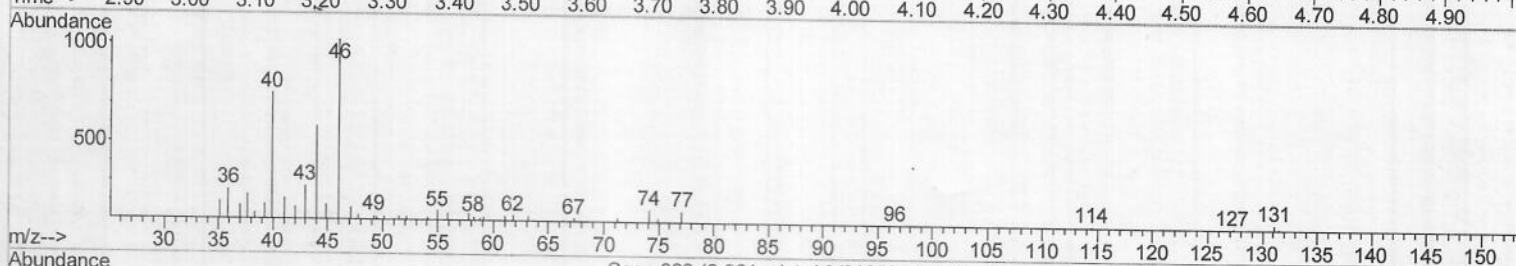
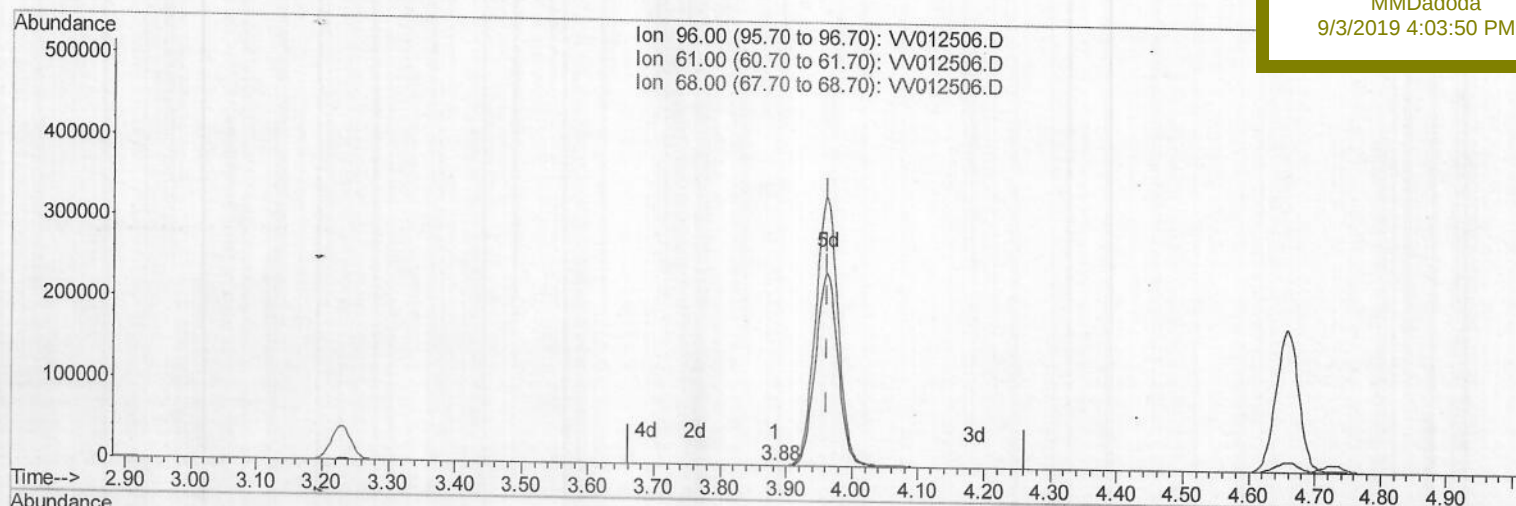
Data File : VV012506.D
Acq On : 01 Sep 2019 13:23
Operator : SY/MD
Sample : VSTD20066
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD20066

Quant Time: Sep 02 02:52:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 02:48:11 2019
Response via : Initial Calibration

Manual Integrations
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9/3/2019 4:03:50 PM



(20) cis-1,2-Dichloroethene (T)

3.884min (-0.077) 0.01ug/L

response 41

Ion	Exp%	Act%
96.00	100	100
61.00	139.70	123.36
68.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090119\

Quantitation Report (Qedit)

Data File : VV012506.D

Acq On : 01 Sep 2019 13:23

Operator : SY/MD

Sample : VSTD20066

Misc : 5mL/MSVOA_V/WATER

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 02:52:50 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Sep 02 02:48:11 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampled :

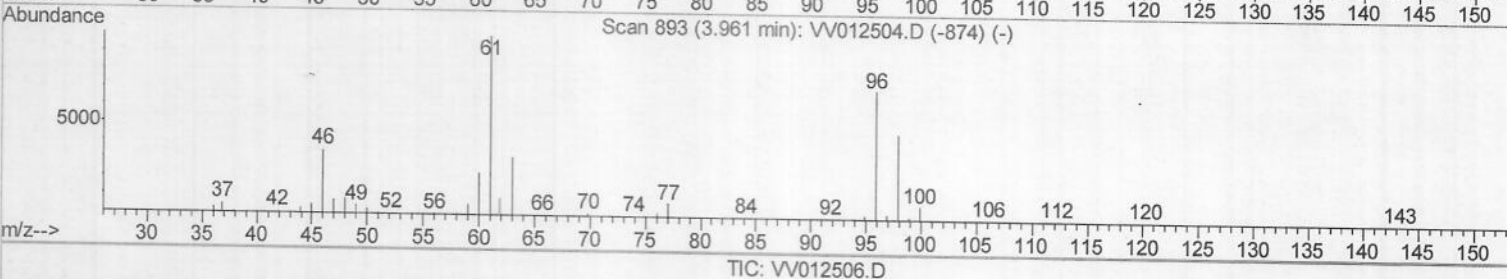
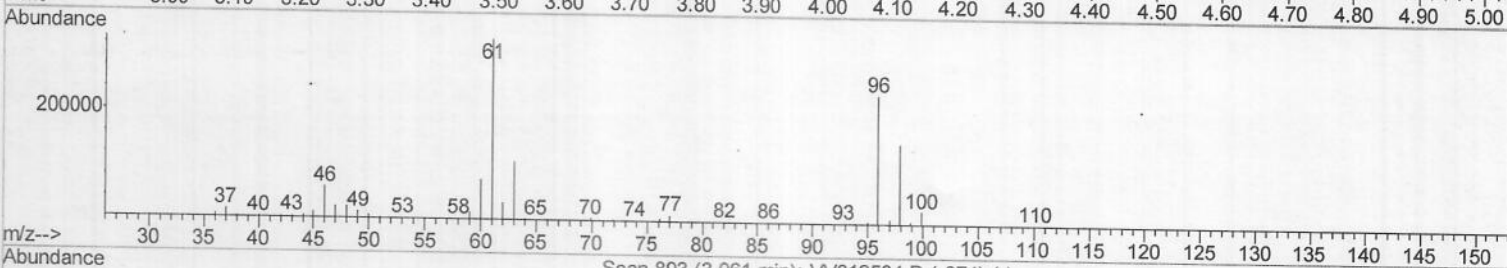
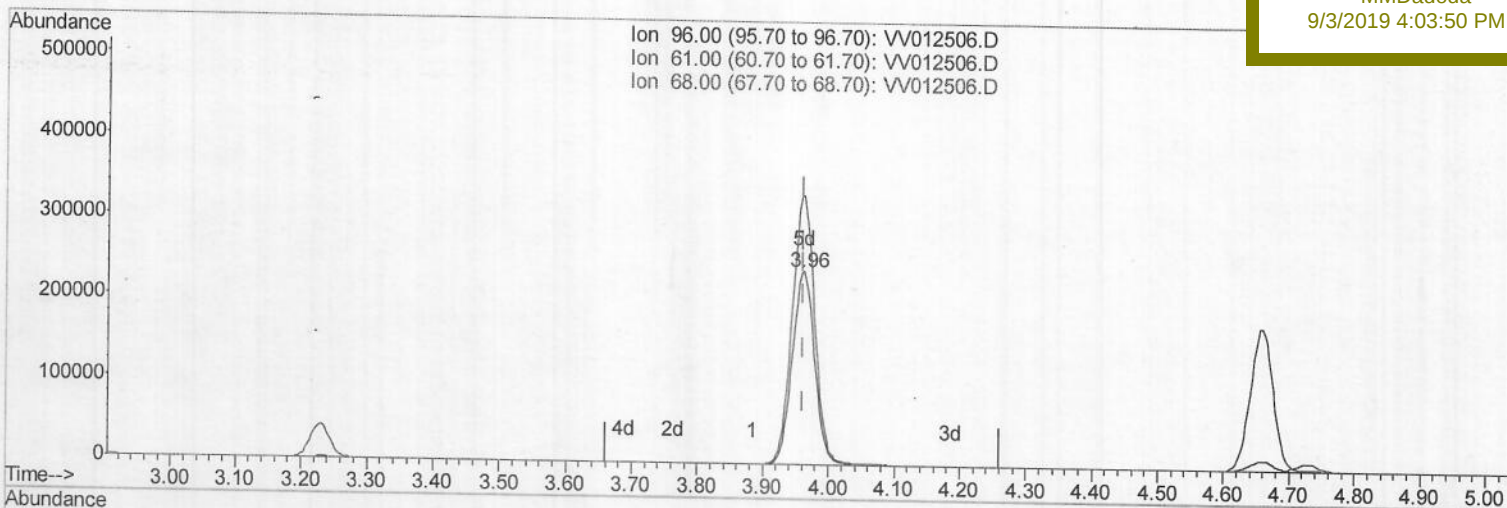
VSTD20066

Manual Integrations

APPROVED

MMDadoda

9/3/2019 4:03:50 PM



(20) cis-1,2-Dichloroethene (T)

3.962min (+0.000) 208.30ug/L m

MD09/07/19

response 569381

Ion	Exp%	Act%
-----	------	------

96.00	100	100
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61.00	139.70	139.43
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68.00	0.00	0.04#
-------	------	-------

0.00	0.00	0.00
------	------	------

Data File : VV012506.D

Acq On : 01 Sep 2019 13:23

Operator : SY/MD

Sample : VSTD20066

Misc : 5mL/MSVOA_V/WATER

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 03:49:00 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Sep 02 02:48:11 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

Client Sampled :

VSTD20066

Manual Integrations

APPROVED

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9/3/2019 4:03:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	351569	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348592	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	175326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	452658	189.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	487949	184.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1270820	196.81	ug/L	0.00
21) 2-Butanone-d5	3.93	46	860565	445.88	ug/L	0.00
24) Chloroform-d	4.40	84	982151	202.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	636081	203.82	ug/L	0.00
32) Benzene-d6	5.10	84	1716658	201.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	612545	204.62	ug/L	0.00
41) Toluene-d8	7.36	98	1678187	210.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	310087	223.32	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	595490	503.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	910017	214.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	704358	201.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	543687	192.972	ug/L	98
3) Chloromethane	1.25	50	705168	195.725	ug/L	100
5) Vinyl chloride	1.32	62	738761	196.402	ug/L	100
6) Bromomethane	1.53	94	707939	232.200	ug/L	99
8) Chloroethane	1.60	64	543401	196.909	ug/L	99
9) Trichlorofluoromethane	1.77	101	1124078	197.169	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	653000	198.338	ug/L	99
12) 1,1-Dichloroethene	2.14	96	638799	201.355	ug/L	96
13) Acetone	2.19	43	775863	377.305	ug/L	100
14) Carbon disulfide	2.32	76	1398655	204.137	ug/L	100
15) Methyl Acetate	2.46	43	631890	209.560	ug/L	97
16) Methylene chloride	2.54	84	542966	197.969	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	512432	207.252	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	1678475	215.955	ug/L	100
19) 1,1-Dichloroethane	3.23	63	1016967	203.043	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	569381m	208.300	ug/L	94
22) 2-Butanone	4.01	43	962203	429.429	ug/L	97
23) Bromochloromethane	4.30	128	264491	201.456	ug/L	99
25) Chloroform	4.42	83	1022633	200.787	ug/L	99
27) 1,2-Dichloroethane	5.18	62	874146	205.136	ug/L	98
29) Cyclohexane	4.73	56	941729	217.044	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	843208	201.268	ug/L	99
31) Carbon tetrachloride	4.88	117	727107	204.126	ug/L	99
33) Benzene	5.15	78	2202893	202.924	ug/L	100
34) Trichloroethene	5.96	95	575529	192.021	ug/L	98
35) Methylcyclohexane	6.18	83	945658	217.485	ug/L	99
37) 1,2-Dichloropropane	6.22	63	592799	202.738	ug/L	99
38) Bromodichloromethane	6.55	83	794373	206.081	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	977407	233.194	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1830653	447.394	ug/L	100

MMD09/07/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090119\

Quantitation Report (QT Reviewed)

Data File : VV012506.D

Acq On : 01 Sep 2019 13:23

Operator : SY/MD

Sample : VSTD20066

Misc : 5mL/MSVOA_V/WATER

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 02 03:49:00 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Sep 02 02:48:11 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

Client Sampled :

VSTD20066

Manual Integrations

APPROVED

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9/3/2019 4:03:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	2418458	212.211	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	881179	232.333	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	544463	206.007	ug/L	99
46) Tetrachloroethene	8.02	164	413097	204.817	ug/L	99
48) 2-Hexanone	8.18	43	1417927	442.550	ug/L	97
49) Dibromochloromethane	8.29	129	604293	218.047	ug/L	99
50) 1,2-Dibromoethane	8.40	107	572746	209.539	ug/L	98
51) Chlorobenzene	8.92	112	1485784	207.627	ug/L	100
52) Ethylbenzene	9.05	91	2736742	221.585	ug/L	99
53) m,p-Xylene	9.18	106	999106	225.226	ug/L	98
54) o-xylene	9.59	106	997635	225.423	ug/L	97
55) Styrene	9.60	104	1729496	230.771	ug/L	100
56) Isopropylbenzene	9.97	105	2645208	229.224	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	869393	221.805	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	720840	203.360	ug/L	99
61) Bromoform	9.77	173	409955	213.062	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1133700	204.774	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	1153041	201.260	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1135952	202.911	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	198137	210.014	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	814907	220.343	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	736194	242.031	ug/L	98
69) Naphthalene	13.55	128	2447680	257.392	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	745552	238.231	ug/L	98

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