Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
Data File : VU042796.D
Acq On : 26 Mar 2021 10:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Manual Integrations APPROVED
SAM
3/30/2021 7:17:46 PM

Quant Time: Mar 27 01:05:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 23 07:16:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	105611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	102269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	56625	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29798	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.919	69	25384	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.575	63	74539	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.649	46	100640	43.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.08%			
24) Chloroform-d	5.073	84	68991	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.713	65	40800	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.739	84	118061	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.700	67	39023	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.906	98	116095	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloroprop...	8.189	79	18445	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	8.645	63	93573	51.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.42%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36328	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	47620	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	48312	4.91	ug/L	98
3) Chloromethane	1.523	50	43882	4.72	ug/L	98
5) Vinyl chloride	1.607	62	45119	4.83	ug/L	97
6) Bromomethane	1.864	94	27656	5.36	ug/L	97
8) Chloroethane	1.938	64	29543	5.30	ug/L	92
9) Trichlorofluoromethane	2.144	101	83776	5.49	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	43735	5.46	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37942	5.10	ug/L	93
13) Acetone	2.655	43	82696m	46.42	ug/L	
14) Carbon disulfide	2.800	76	101330	4.28	ug/L	99
15) Methyl Acetate	2.964	43	23254	5.25	ug/L	91
16) Methylene chloride	3.054	84	43744	4.91	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	116762	5.58	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	40109	5.13	ug/L	98
19) 1,1-Dichloroethane	3.880	63	84722	5.62	ug/L	100
21) 2-Butanone	4.726	43	155525	51.36	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	45033	5.39	ug/L	99
23) Bromochloromethane	4.986	128	21961	5.52	ug/L	86
25) Chloroform	5.099	83	88433	5.58	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
Data File : VU042796.D
Acq On : 26 Mar 2021 10:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Manual Integrations APPROVED
SAM
3/30/2021 7:17:46 PM

Quant Time: Mar 27 01:05:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 23 07:16:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	64101	5.39	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	80368	5.65	ug/L	97
30) Cyclohexane	5.398	56	71701	5.05	ug/L	100
31) Carbon tetrachloride	5.536	117	69167	5.51	ug/L	100
33) Benzene	5.784	78	175955	5.50	ug/L	100
34) Trichloroethene	6.549	95	47493	5.35	ug/L	97
35) Methylcyclohexane	6.774	83	71223	5.28	ug/L	98
37) 1,2-Dichloropropane	6.803	63	49246	5.70	ug/L	98
38) Bromodichloromethane	7.115	83	65726	5.83	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	73361	5.83	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	444883	59.07	ug/L	96
42) Toluene	7.977	91	196331	5.62	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	68492	5.90	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	36981	5.80	ug/L	97
47) Tetrachloroethene	8.562	164	39139	5.41	ug/L	97
48) 2-Hexanone	8.697	43	330172	59.42	ug/L	95
49) Dibromochloromethane	8.819	129	47527	5.96	ug/L	98
50) 1,2-Dibromoethane	8.931	107	36845	5.87	ug/L	99
51) Chlorobenzene	9.456	112	127268	5.70	ug/L	99
52) Ethylbenzene	9.578	91	224378	5.71	ug/L	100
53) m,p-Xylene	9.703	106	84452	5.81	ug/L	98
54) o-Xylene	10.108	106	83533	5.93	ug/L	95
55) Styrene	10.121	104	142769	5.96	ug/L	97
56) Isopropylbenzene	10.491	105	230153	5.94	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	49293	5.78	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	36487	5.62	ug/L	100
61) Bromoform	10.301	173	29777	5.83	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	111156	5.69	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	109483	5.62	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	108219	5.76	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	9132	5.78	ug/L	88
67) 1,3,5-Trichlorobenzene	13.227	180	93745	5.54	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	78993	5.63	ug/L	99
69) Naphthalene	14.095	128	131139	5.76	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	73151	5.75	ug/L	99

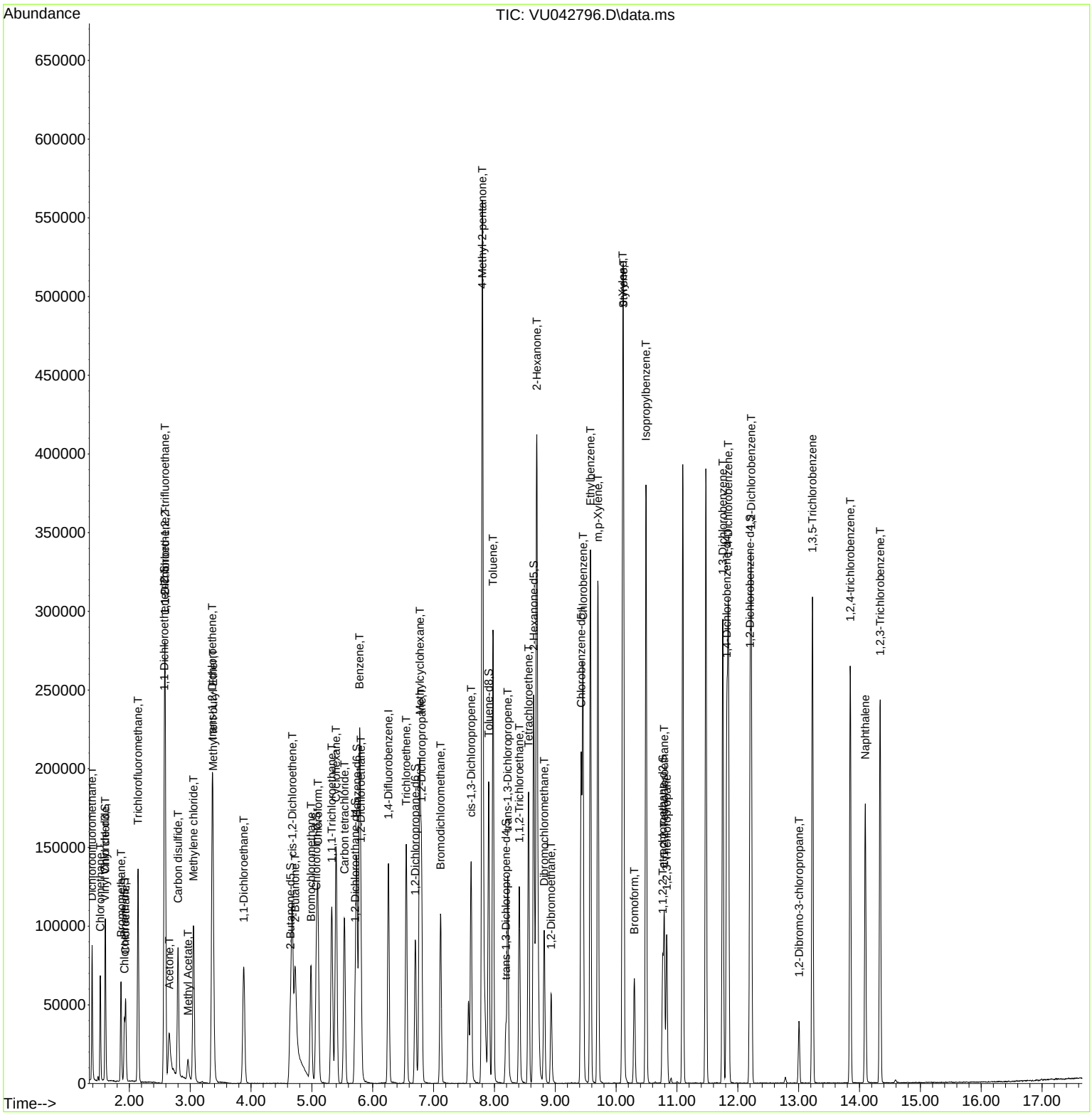
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
Data File : VU042796.D
Acq On : 26 Mar 2021 10:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:05:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 23 07:16:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Manual Integrations APPROVED
SAM
3/30/2021 7:17:46 PM



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
Data File : VU042796.D
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Manual Integrations APPROVED
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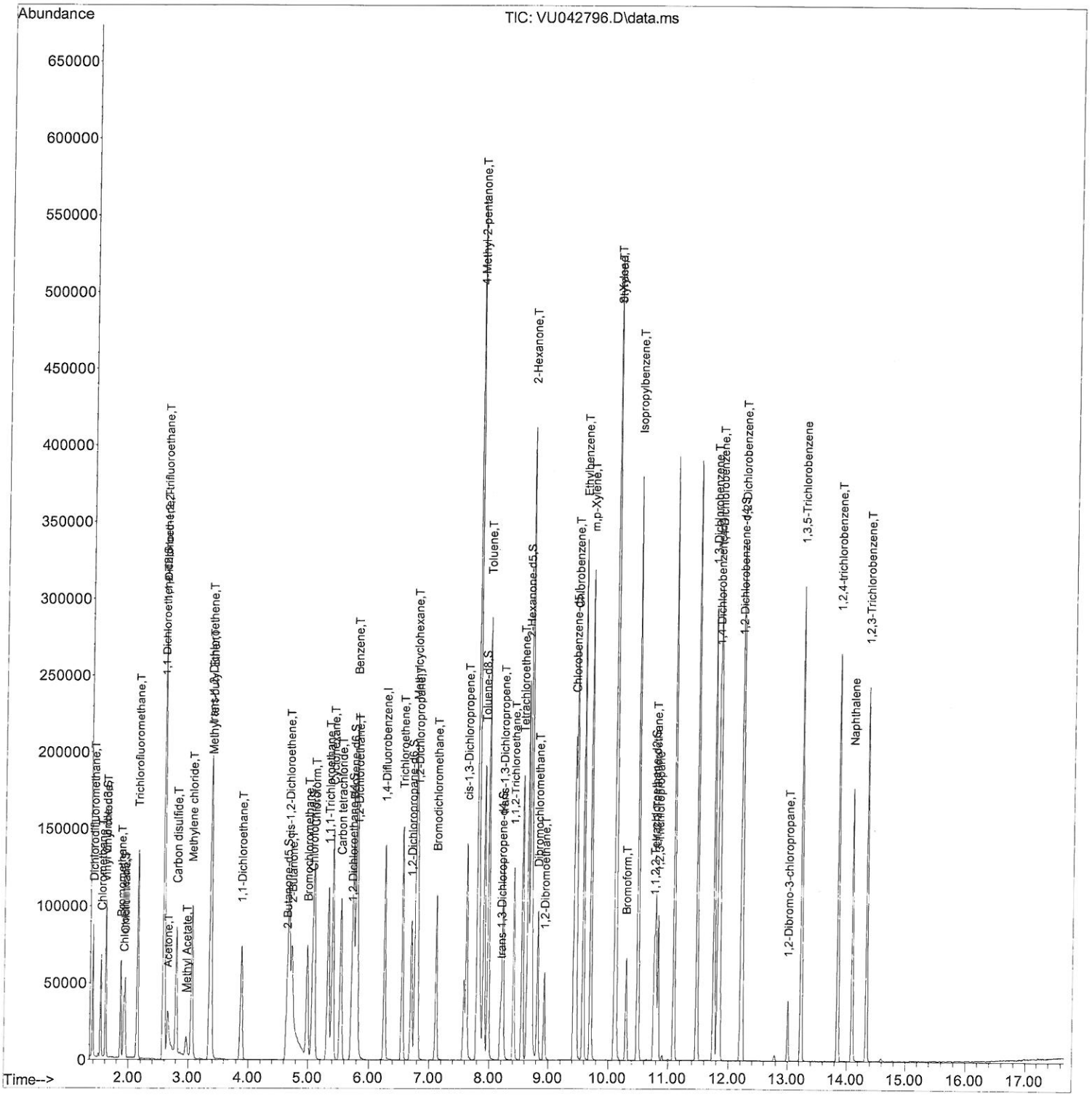
3/30/2021 7:17:46 PM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
Data File : VU042796.D
Acq On : 26 Mar 2021 10:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:05:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 23 07:16:03 2021
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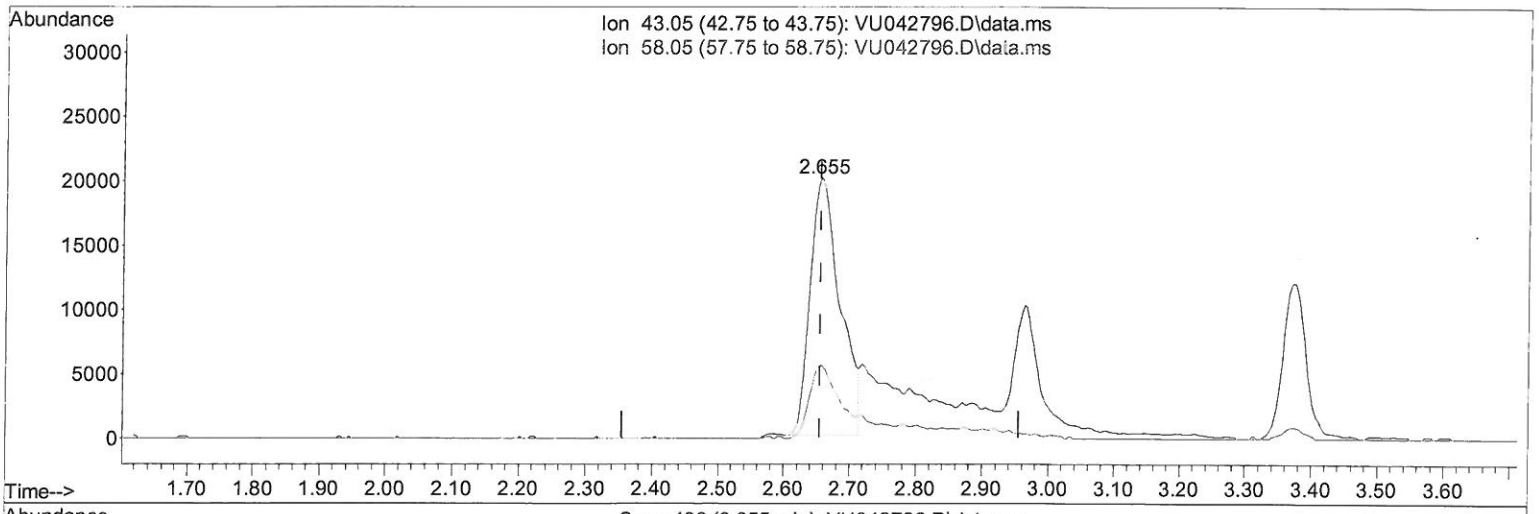
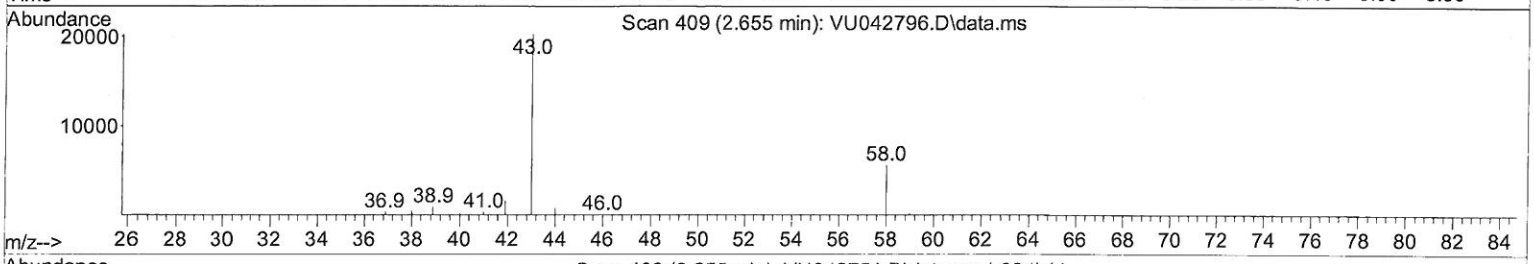
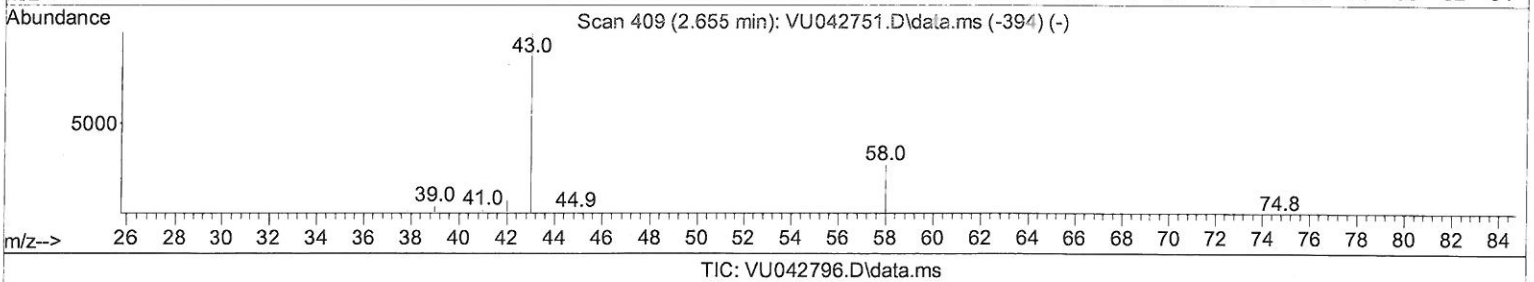
Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Manual Integrations APPROVED
SAM
3/30/2021 7:17:46 PM







TIC: VU042796.D\data.ms

(13) Acetone (T)

2.655min (+ 0.000) 35.55 ug/L

response 63319

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.90	27.69
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VU042796.D
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Manual Integrations APPROVED
SAM
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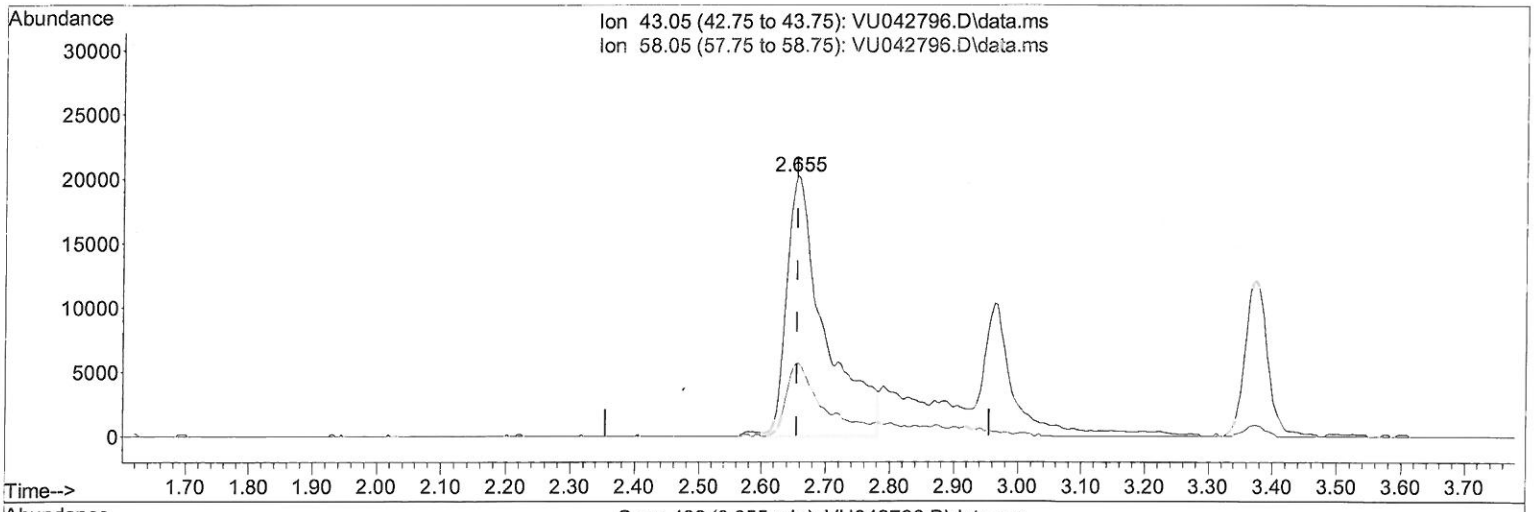

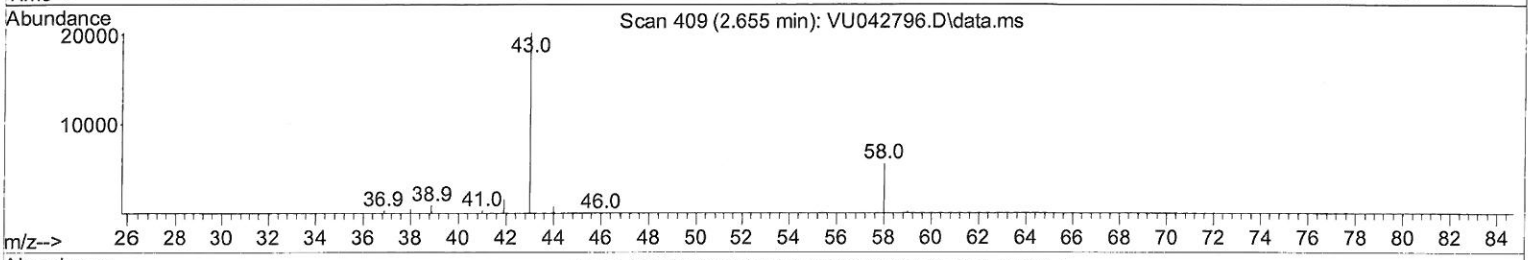

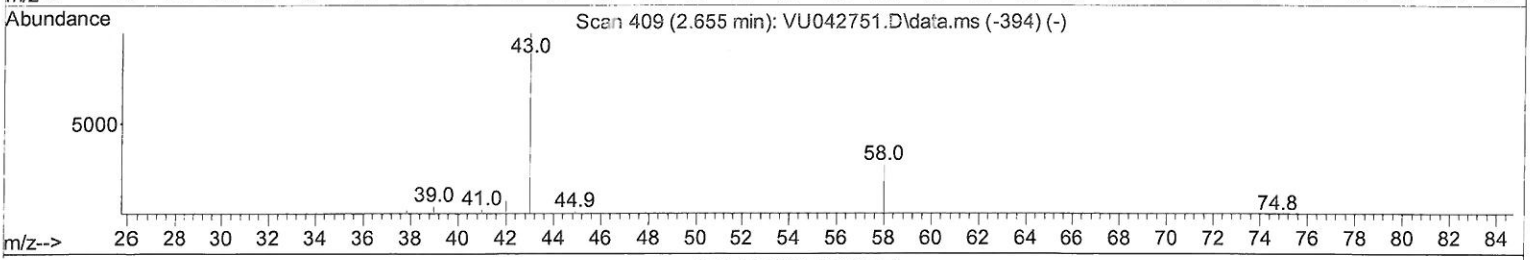

TIC: VU042796.D\data.ms

(13) Acetone (T)

2.655min (+ 0.000) 46.42 ug/L m

response 82696

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.90	21.20
0.00	0.00	0.00
0.00	0.00	0.00

MD 4/5/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032621\
Data File : VU042796.D
Acq On : 26 Mar 2021 10:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 23 07:16:03 2021
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Manual Integrations APPROVED
SAM
3/30/2021 7:17:46 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	105611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	102269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	56625	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29798	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.919	69	25384	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.575	63	74539	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.649	46	100640	43.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.08%			
24) Chloroform-d	5.073	84	68991	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.713	65	40800	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.739	84	118061	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.700	67	39023	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.906	98	116095	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloroprop...	8.189	79	18445	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	8.645	63	93573	51.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.42%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36328	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	47620	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	48312	4.91	ug/L	98
3) Chloromethane	1.523	50	43882	4.72	ug/L	98
5) Vinyl chloride	1.607	62	45119	4.83	ug/L	97
6) Bromomethane	1.864	94	27656	5.36	ug/L	97
8) Chloroethane	1.938	64	29543	5.30	ug/L	92
9) Trichlorofluoromethane	2.144	101	83776	5.49	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	43735	5.46	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37942	5.10	ug/L	93
13) Acetone	2.655	43	82696m	46.42	ug/L	
14) Carbon disulfide	2.800	76	101330	4.28	ug/L	99
15) Methyl Acetate	2.964	43	23254	5.25	ug/L	91
16) Methylene chloride	3.054	84	43744	4.91	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	116762	5.58	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	40109	5.13	ug/L	98
19) 1,1-Dichloroethane	3.880	63	84722	5.62	ug/L	100
21) 2-Butanone	4.726	43	155525	51.36	ug/L	93
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→ MD 4/5/21

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Data File : VU042796.D
Acq On : 26 Mar 2021 10:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 27 01:05:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 23 07:16:03 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD00512

Manual Integrations APPROVED
SAM
3/30/2021 7:17:46 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	88433	5.58	ug/L	100
27) 1,2-Dichloroethane	5.806	62	64101	5.39	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	80368	5.65	ug/L	97
30) Cyclohexane	5.398	56	71701	5.05	ug/L	100
31) Carbon tetrachloride	5.536	117	69167	5.51	ug/L	100
33) Benzene	5.784	78	175955	5.50	ug/L	100
34) Trichloroethene	6.549	95	47493	5.35	ug/L	97
35) Methylcyclohexane	6.774	83	71223	5.28	ug/L	98
37) 1,2-Dichloropropane	6.803	63	49246	5.70	ug/L	98
38) Bromodichloromethane	7.115	83	65726	5.83	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	73361	5.83	ug/L	97
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42) Toluene	7.977	91	196331	5.62	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	68492	5.90	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	36981	5.80	ug/L	97
47) Tetrachloroethene	8.562	164	39139	5.41	ug/L	97
48) 2-Hexanone	8.697	43	330172	59.42	ug/L	95
49) Dibromochloromethane	8.819	129	47527	5.96	ug/L	98
50) 1,2-Dibromoethane	8.931	107	36845	5.87	ug/L	99
51) Chlorobenzene	9.456	112	127268	5.70	ug/L	99
52) Ethylbenzene	9.578	91	224378	5.71	ug/L	100
53) m,p-Xylene	9.703	106	84452	5.81	ug/L	98
54) o-Xylene	10.108	106	83533	5.93	ug/L	95
55) Styrene	10.121	104	142769	5.96	ug/L	97
56) Isopropylbenzene	10.491	105	230153	5.94	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	49293	5.78	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	36487	5.62	ug/L	100
61) Bromoform	10.301	173	29777	5.83	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	111156	5.69	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	109483	5.62	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	108219	5.76	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	9132	5.78	ug/L	88
67) 1,3,5-Trichlorobenzene	13.227	180	93745	5.54	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	78993	5.63	ug/L	99
69) Naphthalene	14.095	128	131139	5.76	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	73151	5.75	ug/L	99

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