

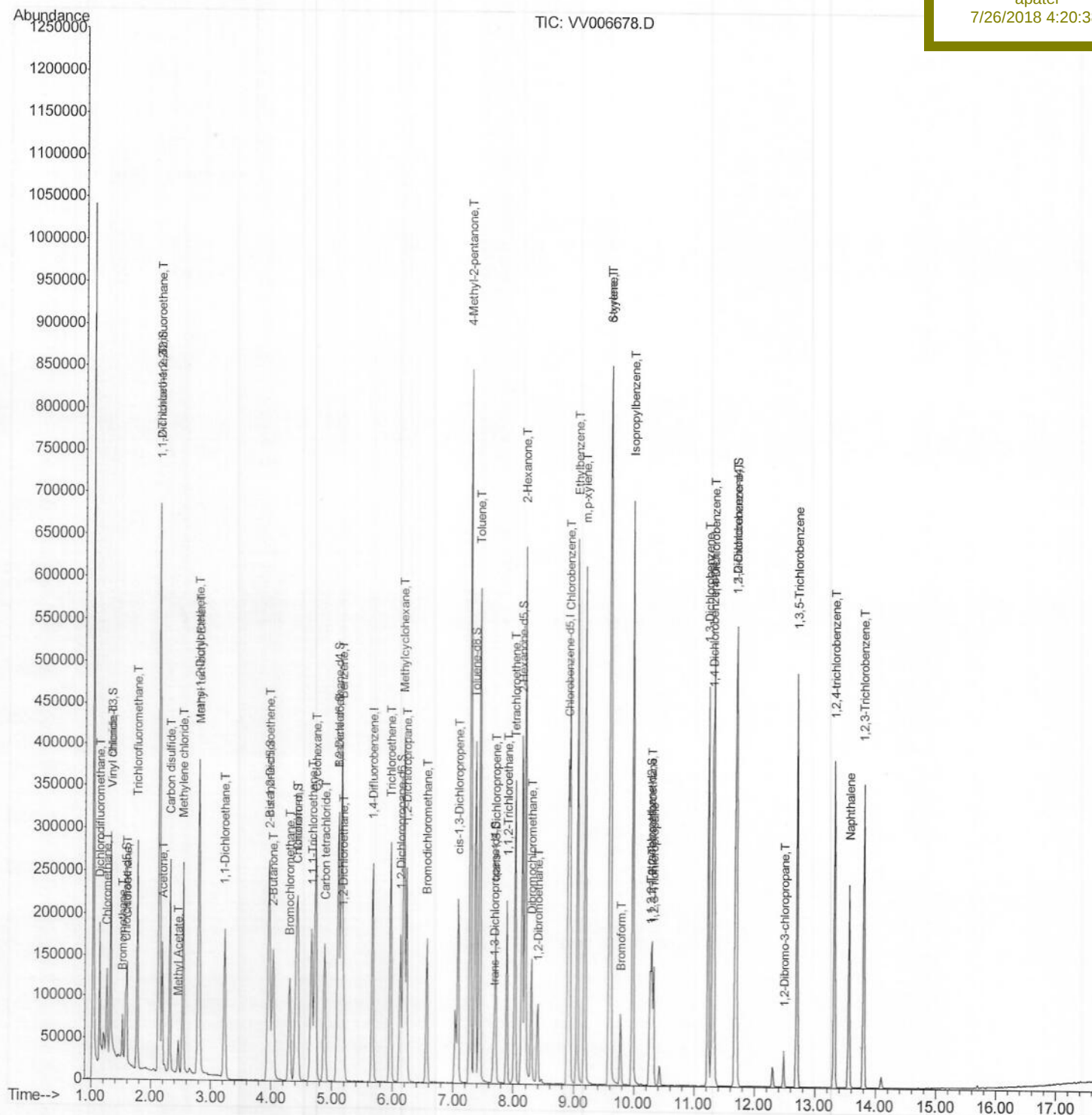
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006678.D
 Acq On : 21 Jul 2018 10:51
 Operator : SY/MD
 Sample : VSTD00005
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 23:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 21 00:42:56 2018
 Response via : Initial Calibration

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD000573

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:38 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\

Data File : VV006678.D

Acq On : 21 Jul 2018 10:51

Operator : SY/MD

Sample : VSTDCCC005

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 23:00:24 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Jul 21 00:42:56 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

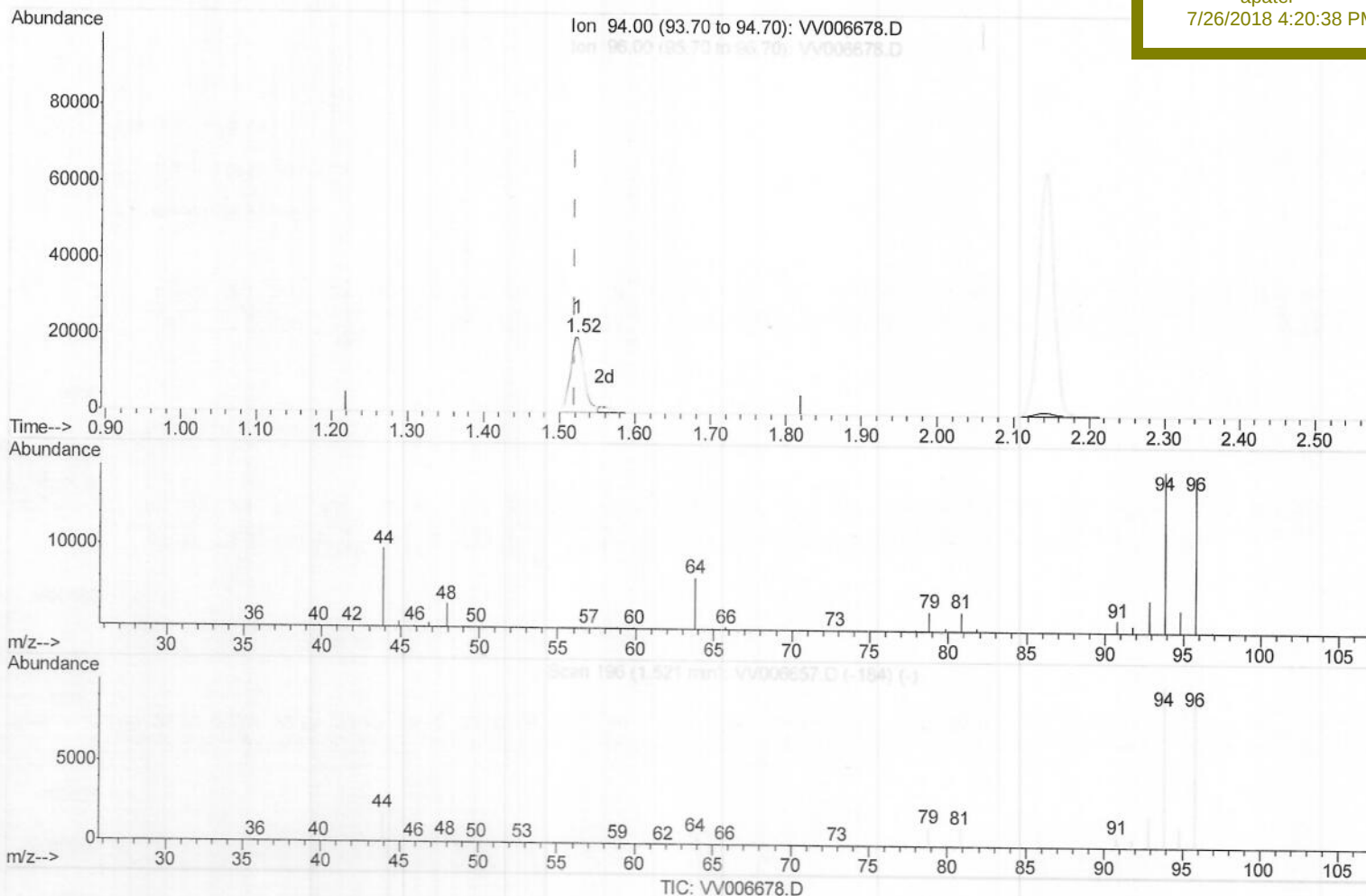
LabSampleId :

VSTD00573

Manual Integrations
APPROVED

apatel

7/26/2018 4:20:38 PM



(6) Bromomethane (T)

1.524min (+0.003) 3.67ug/L

response 24073

Ion	Exp%	Act%
94.00	100	100
96.00	92.10	96.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\

Data File : VV006678.D

Acq On : 21 Jul 2018 10:51

Operator : SY/MD

Sample : VSTDCCC005

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 23:00:24 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Jul 21 00:42:56 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

LabSampleId :

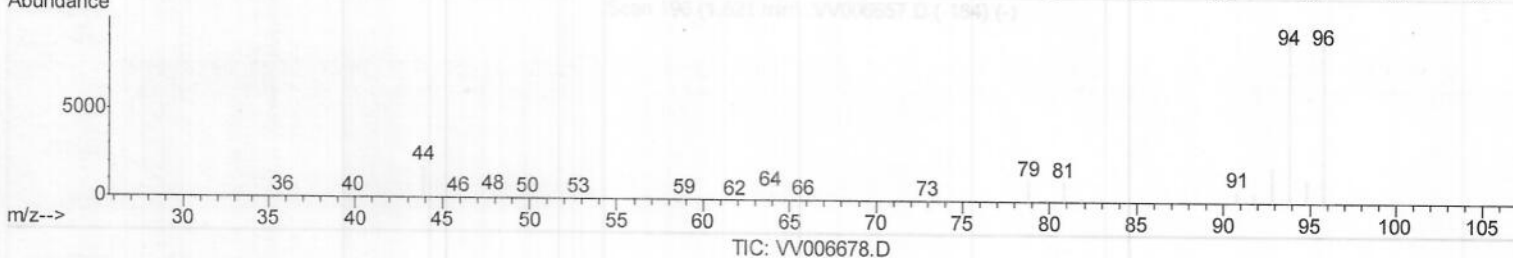
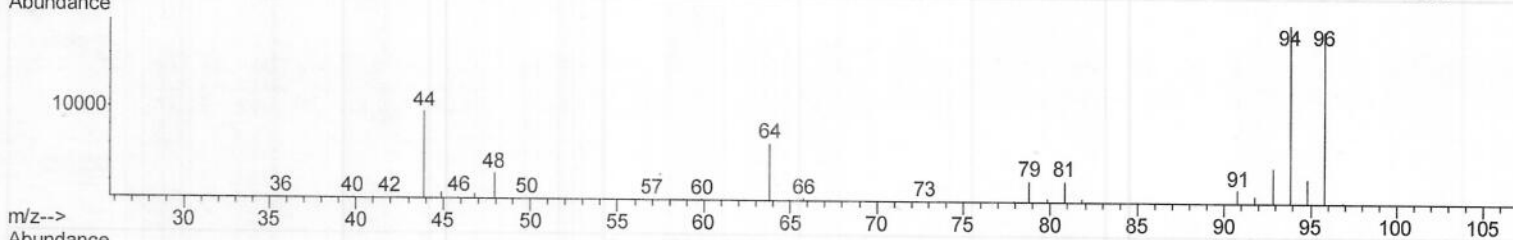
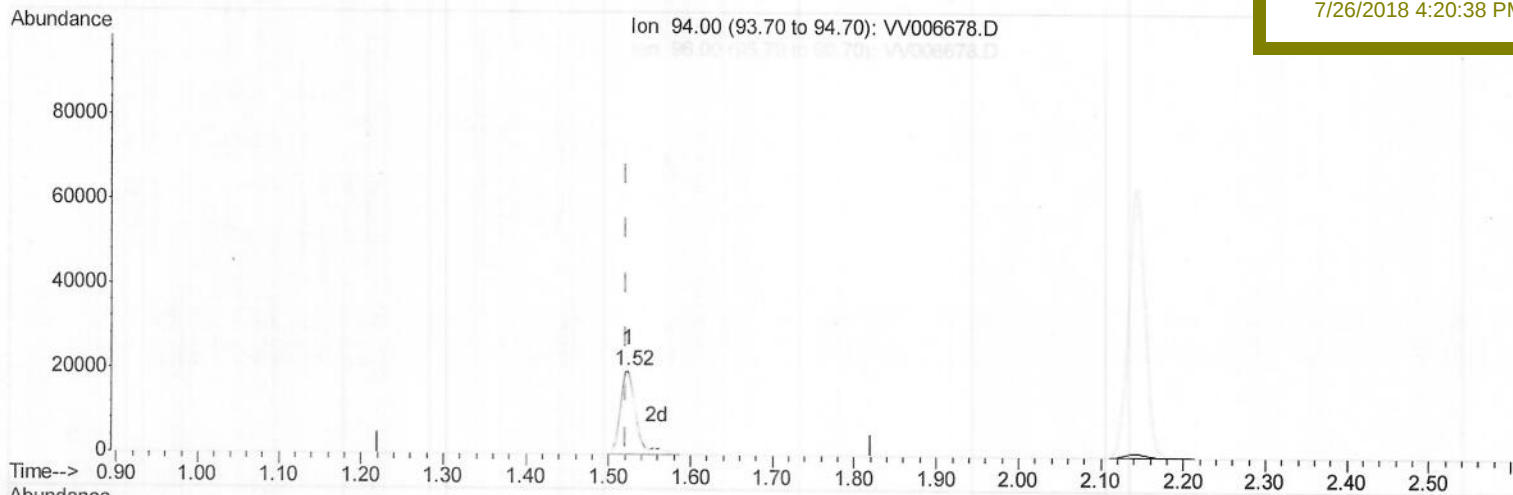
VSTD00573

Manual Integrations

APPROVED

apatel

7/26/2018 4:20:38 PM



(6) Bromomethane (T)

1.524min (+0.003) 3.98ug/L m

response 26105

Ion Exp% Act%

94.00 100 100

96.00 92.10 96.63

0.00 0.00 0.00

0.00 0.00 0.00

MD
07/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006678.D
 Acq On : 21 Jul 2018 10:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD00573

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:38 PM

Quant Time: Jul 22 23:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 21 00:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223001	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	209089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72138	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	92.20%		
7) Chloroethane-d5	1.58	69	57837	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	109.60%		
11) 1,1-Dichloroethene-d2	2.13	63	151403	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	100.60%		
20) 2-Butanone-d5	3.94	46	144980	42.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	85.32%		
24) Chloroform-d	4.40	84	138587	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	104.20%		
26) 1,2-Dichloroethane-d4	5.09	65	63644	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.40%		
32) Benzene-d6	5.10	84	283311	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.80%		
36) 1,2-Dichloropropane-d6	6.12	67	89425	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.60%		
41) Toluene-d8	7.36	98	266322	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.80%		
43) trans-1,3-Dichloropropene-	7.67	79	29048	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	97.20%		
46) 2-Hexanone-d5	8.14	63	143420	48.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.28%		
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65165	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.80%		
64) 1,2-Dichlorobenzene-d4	11.68	152	91750	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.20%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	119987	5.659 ug/L	97
3) Chloromethane	1.26	50	96541	5.384 ug/L	99
5) Vinyl chloride	1.32	62	123254	5.322 ug/L	92
6) Bromomethane	1.52	94	26105m)	3.976 ug/L	100
8) Chloroethane	1.59	64	71301	5.359 ug/L	99
9) Trichlorofluoromethane	1.77	101	157398	5.663 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99486	5.711 ug/L	99
12) 1,1-Dichloroethene	2.14	96	90983	5.511 ug/L	92
13) Acetone	2.19	43	137377	52.699 ug/L	98
14) Carbon disulfide	2.32	76	284891	5.321 ug/L	100
15) Methyl Acetate	2.46	43	40223	5.259 ug/L	98
16) Methylene chloride	2.54	84	101027	4.864 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	221280	5.430 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	99880	5.489 ug/L	99
19) 1,1-Dichloroethane	3.23	63	184506	5.743 ug/L	99
21) 2-Butanone	4.03	43	225990	51.759 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	105757	5.551 ug/L	98

MD
 07/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072118\
 Data File : VV006678.D
 Acq On : 21 Jul 2018 10:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD00573

Quant Time: Jul 22 23:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 21 00:42:56 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 7/26/2018 4:20:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42907	5.532	ug/L	100
25) Chloroform	4.43	83	177994	5.750	ug/L	99
27) 1,2-Dichloroethane	5.19	62	101827	5.630	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	147032	5.626	ug/L	99
30) Cyclohexane	4.72	56	154132	5.275	ug/L	99
31) Carbon tetrachloride	4.88	117	125688	5.623	ug/L	100
33) Benzene	5.15	78	406046	5.521	ug/L	100
34) Trichloroethene	5.96	95	99111	5.326	ug/L	99
35) Methylcyclohexane	6.18	83	168700	5.432	ug/L	99
37) 1,2-Dichloropropane	6.22	63	104305	5.559	ug/L	100
38) Bromodichloromethane	6.56	83	115887	5.560	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	134431	5.449	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	530293	52.285	ug/L	100
42) Toluene	7.43	91	425371	5.596	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	103254	5.383	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	68221	5.405	ug/L	97
47) Tetrachloroethene	8.02	164	82826	5.541	ug/L	98
48) 2-Hexanone	8.19	43	370911	52.314	ug/L	100
49) Dibromochloromethane	8.30	129	74707	5.586	ug/L	99
50) 1,2-Dibromoethane	8.40	107	60365	5.321	ug/L	100
51) Chlorobenzene	8.93	112	271205	5.490	ug/L	99
52) Ethylbenzene	9.06	91	450602	5.521	ug/L	100
53) m,p-xylene	9.19	106	175651	5.660	ug/L	100
54) o-xylene	9.59	106	169500	5.599	ug/L	97
55) Styrene	9.61	104	292288	5.767	ug/L	99
56) Isopropylbenzene	9.98	105	447709	5.637	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	82026	5.418	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	58156	5.257	ug/L	100
61) Bromoform	9.78	173	37175	5.389	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	198536	5.461	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	201788	5.463	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	193227	5.544	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10515	5.084	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	158119	5.627	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	119859	5.377	ug/L	99
69) Naphthalene	13.56	128	192345	4.984	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	112704	5.367	ug/L	99

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