

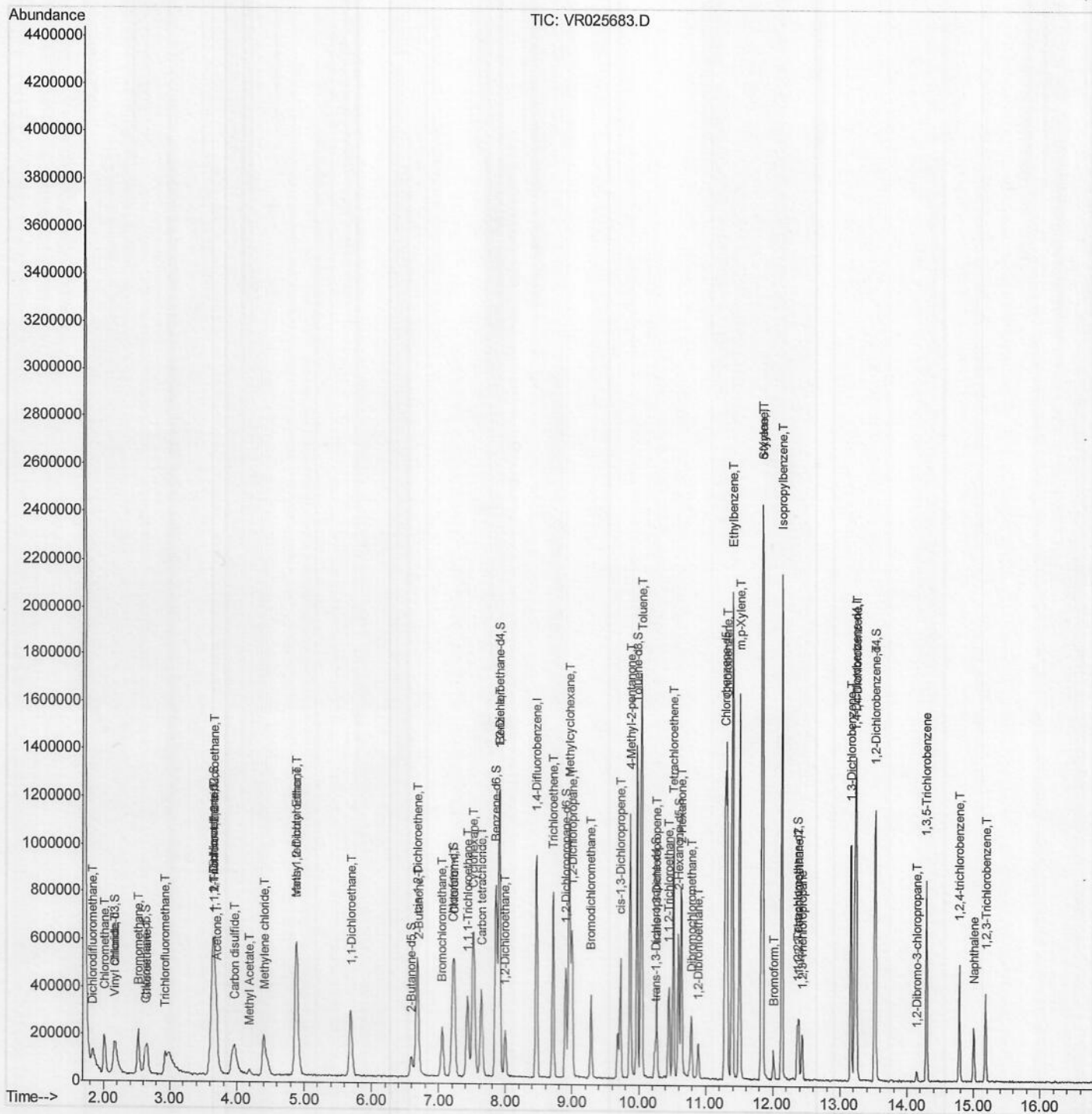
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
 Quantitation Report (QT Reviewed)
 Data File : VR025683.D
 Acq On : 7 Sep 2018 10:39
 Operator : SY/MD
 Sample : VSTD00593
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 Client Sampled :
 VSTD00593

Manual Integrations
 APPROVED

apatel
 9/10/2018 8:58:37 AM

Quant Time: Sep 07 11:32:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 07 09:41:16 2018
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
Quantitation Report (Qedit)

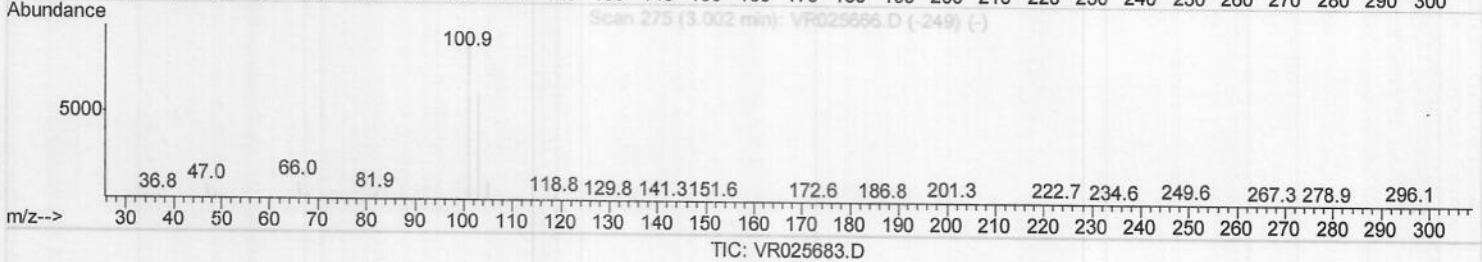
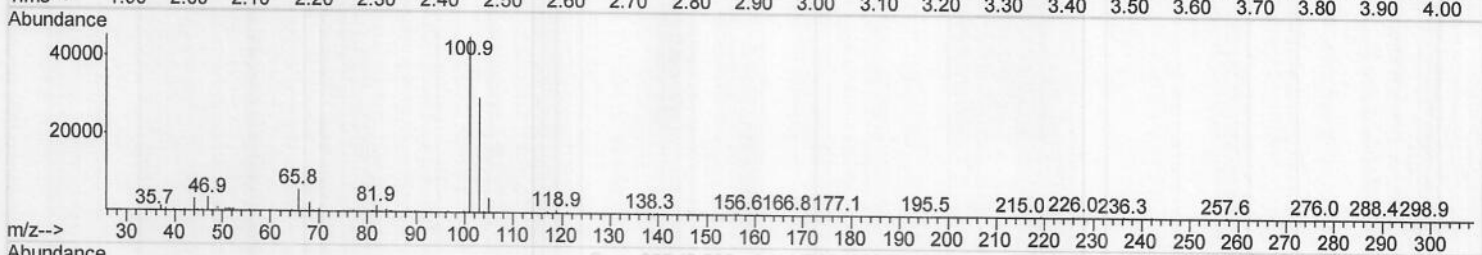
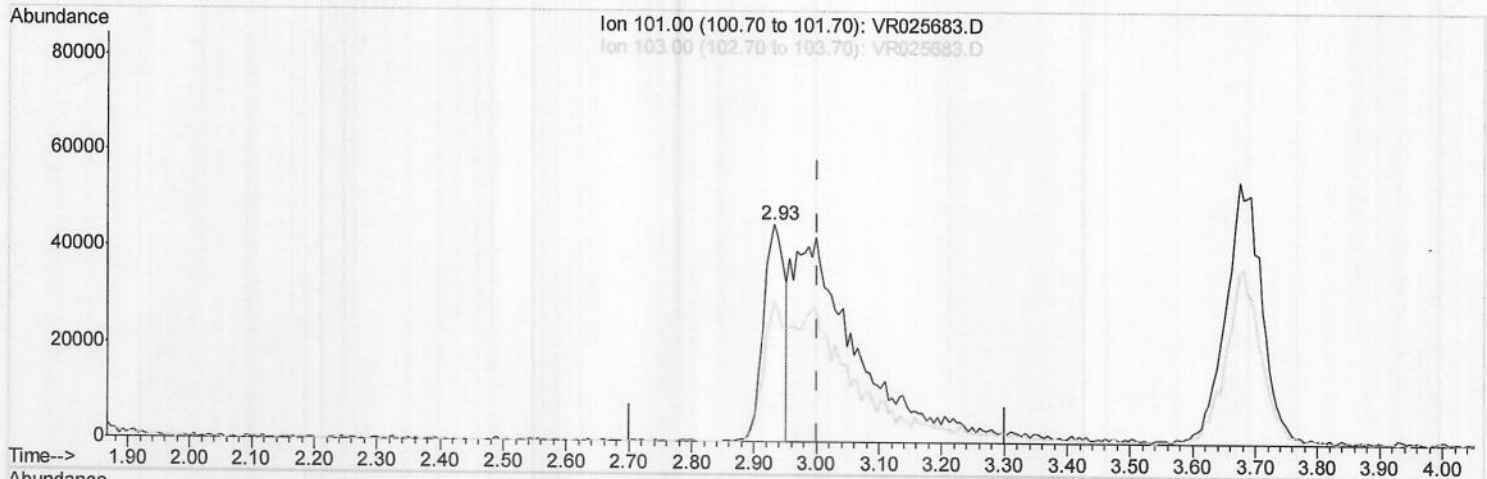
Data File : VR025683.D
Acq On : 7 Sep 2018 10:39
Operator : SY/MD
Sample : VSTD00593
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampled :
VSTD00593

Manual Integrations
APPROVED

apatel
9/10/2018 8:58:37 AM

Quant Time: Sep 07 11:30:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 07 09:41:16 2018
Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.932min (-0.070) 1.17ug/L

response 104692

Ion	Exp%	Act%
101.00	100	100
103.00	20.50	64.89#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
Quantitation Report (Qedit)

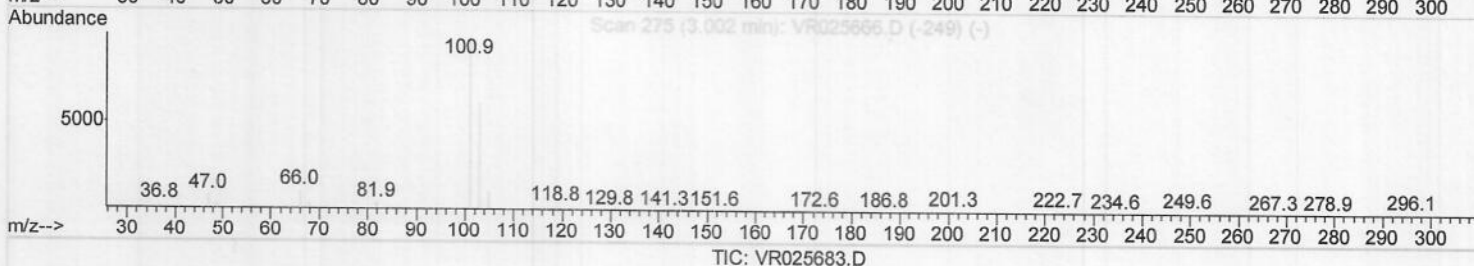
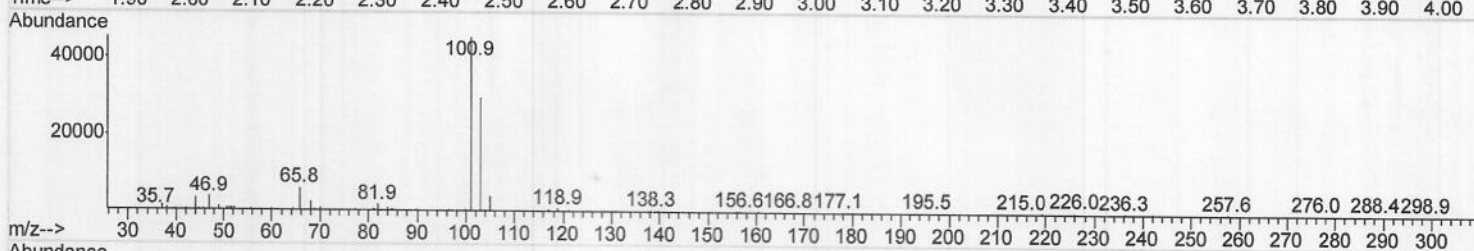
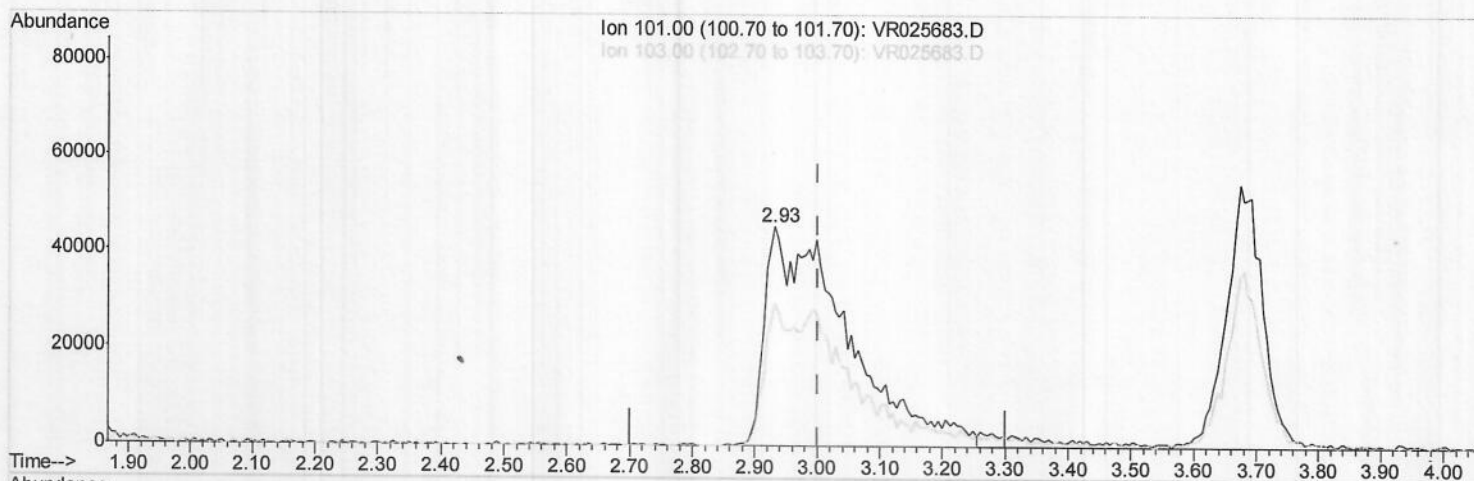
Data File : VR025683.D
Acq On : 7 Sep 2018 10:39
Operator : SY/MD
Sample : VSTD00593
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
Client Sampled :
VSTD00593

Manual Integrations
APPROVED

apatel
9/10/2018 8:58:37 AM

Quant Time: Sep 07 11:30:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 07 09:41:16 2018
Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.932min (-0.070) 4.59ug/L m) MPO9/10/18

response 411986

Ion	Exp%	Act%
101.00	100	100
103.00	20.50	16.49
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
Quantitation Report (QT Reviewed)

Data File : VR025683.D
Acq On : 7 Sep 2018 10:39
Operator : SY/MD
Sample : VSTD00593
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
Client Sampled :
VSTD00593

Manual Integrations
APPROVED

apatel
9/10/2018 8:58:37 AM

Quant Time: Sep 07 11:32:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 07 09:41:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	771100	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	638555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	260263	5.00	ug/L	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) Vinyl Chloride-d3	2.17	65	158835	3.16	ug/L	0.00
7) Chloroethane-d5	2.63	69	131463	3.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	424834	3.43	ug/L	0.00
20) 2-Butanone-d5	6.59	46	168913	44.16	ug/L	0.00
24) Chloroform-d	7.20	84	369029	4.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	129337	4.22	ug/L	0.00
32) Benzene-d6	7.85	84	894343	4.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	232440	4.37	ug/L	0.00
41) Toluene-d8	9.97	98	858580	4.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	54461	4.34	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	195304	47.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98722	4.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	181667	4.37	ug/L	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	173071	4.052	ug/L	96
3) Chloromethane	2.01	50	224188	3.547	ug/L	99
5) Vinyl chloride	2.17	62	224408	3.626	ug/L	91
6) Bromomethane	2.52	94	162545	3.860	ug/L	87
8) Chloroethane	2.66	64	127159	3.341	ug/L	90
9) Trichlorofluoromethane	2.93	101	411986m	4.587	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	222570	4.067	ug/L	80
12) 1,1-Dichloroethene	3.65	96	227011	3.749	ug/L	91
13) Acetone	3.70	43	94614	39.709	ug/L	98
14) Carbon disulfide	3.97	76	558573	3.544	ug/L	89
15) Methyl Acetate	4.19	43	33204	3.686	ug/L #	97
16) Methylene chloride	4.40	84	195496	3.597	ug/L	99
17) Methyl tert-butyl Ether	4.89	73	296946	4.782	ug/L	95
18) trans-1,2-Dichloroethene	4.88	96	286118	4.474	ug/L	97
19) 1,1-Dichloroethane	5.69	63	446273	4.515	ug/L	96
21) 2-Butanone	6.70	43	235571	50.170	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	269184	4.898	ug/L #	90
23) Bromochloromethane	7.05	128	83726	4.970	ug/L	98
25) Chloroform	7.23	83	402299	4.685	ug/L	92
27) 1,2-Dichloroethane	7.99	62	158668	4.941	ug/L #	96
29) 1,1,1-Trichloroethane	7.43	97	302903	4.876	ug/L	98
30) Cyclohexane	7.51	56	395943	4.954	ug/L	98
31) Carbon tetrachloride	7.63	117	287237	5.268	ug/L	100
33) Benzene	7.91	78	1124727	4.823	ug/L	96
34) Trichloroethene	8.71	95	259811	4.864	ug/L	97
35) Methylcyclohexane	8.95	83	446214	5.135	ug/L	99
37) 1,2-Dichloropropane	9.00	63	246810	4.821	ug/L	90
38) Bromodichloromethane	9.28	83	226113	5.061	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	281563	5.367	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	697296	56.232	ug/L	99

JMD09/10/18

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
 Quantitation Report (QT Reviewed)
 Data File : VR025683.D
 Acq On : 7 Sep 2018 10:39
 Operator : SY/MD
 Sample : VSTD00593
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 Client Sampled :
 VSTD00593

Manual Integrations
 APPROVED

apatel
 9/10/2018 8:58:37 AM

Quant Time: Sep 07 11:32:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 07 09:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	1186225	5.184	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	186483	5.036	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	112959	5.001	ug/L	95
47) Tetrachloroethene	10.51	164	213585	5.229	ug/L	94
48) 2-Hexanone	10.63	43	477574	55.249	ug/L	99
49) Dibromochloromethane	10.79	129	129136	5.306	ug/L	96
50) 1,2-Dibromoethane	10.89	107	90104	5.035	ug/L #	98
51) Chlorobenzene	11.32	112	708599	4.975	ug/L	99
52) Ethylbenzene	11.39	91	1289757	5.279	ug/L	98
53) m,p-Xylene	11.50	106	522962	5.345	ug/L	98
54) o-Xylene	11.83	106	463791	5.320	ug/L	98
55) Styrene	11.84	104	747716	5.309	ug/L	97
56) Isopropylbenzene	12.13	105	1204424	5.450	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	108032	4.628	ug/L	91
59) 1,2,3-Trichloropropane	12.43	75	73853	4.653	ug/L	90
61) Bromoform	12.01	173	51264	4.902	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	395140	4.911	ug/L	95
63) 1,4-Dichlorobenzene	13.24	146	427813	4.786	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	340185	4.911	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.14	75	9288	4.952	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	234883	5.166	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	139273	4.936	ug/L	98
69) Naphthalene	15.00	128	158952	4.562	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	106423	4.851	ug/L	94

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