

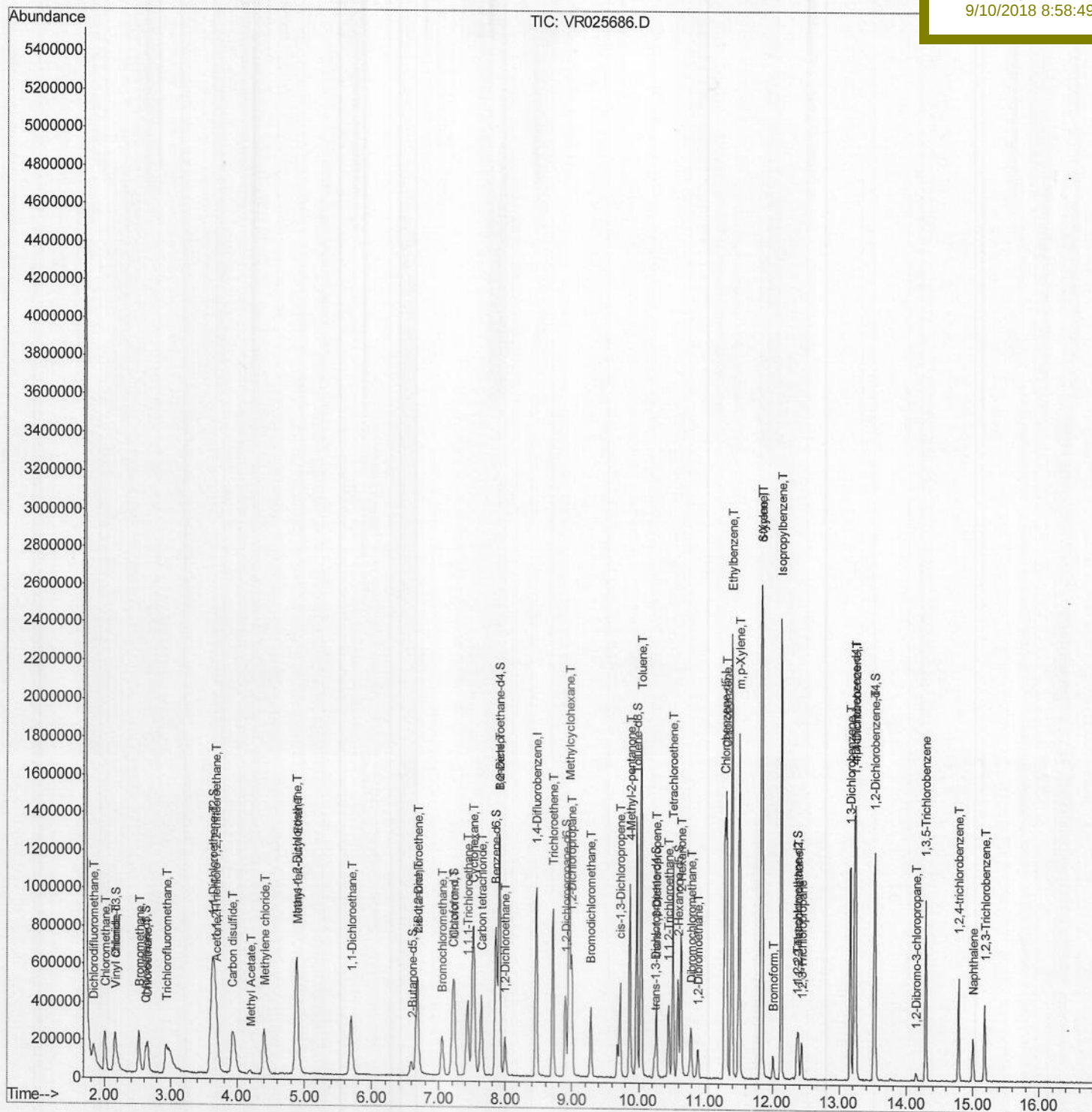
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
Data File : VR025686.D
Acq On : 7 Sep 2018 14:01
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 07 14:25:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 07 12:41:46 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Client Sampled :
VICV91

Manual Integrations
APPROVED

apatel
9/10/2018 8:58:49 AM



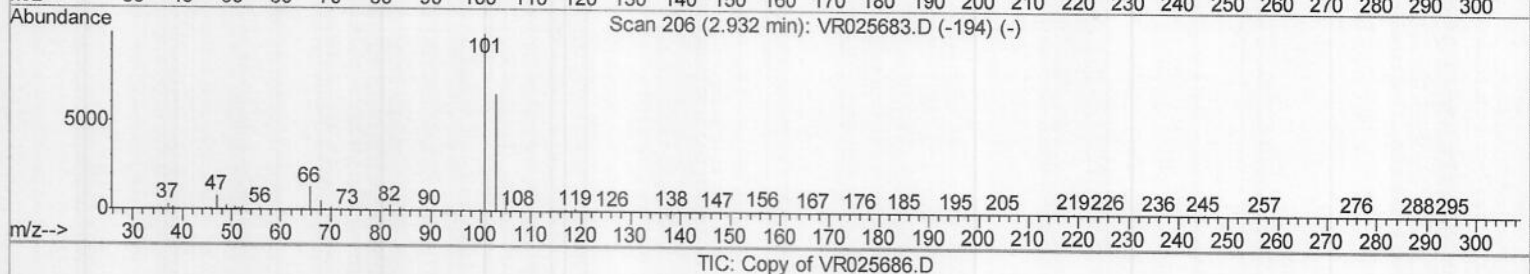
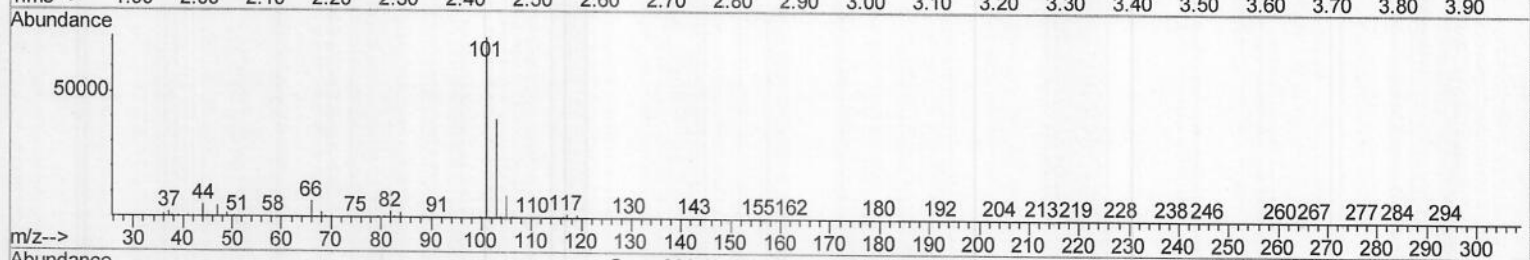
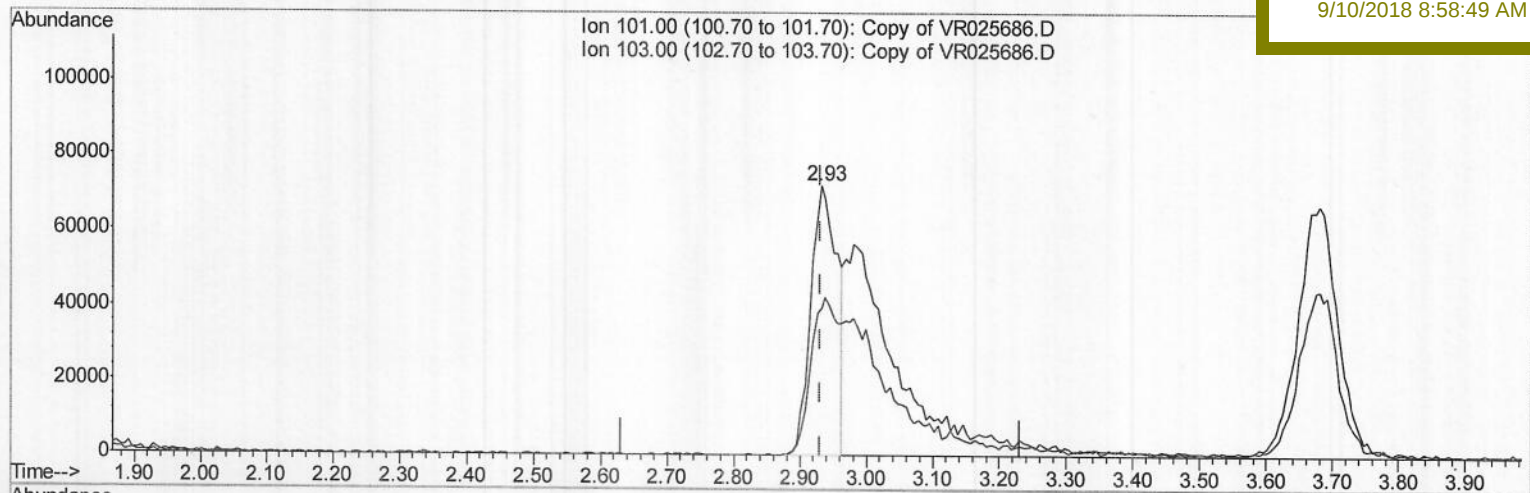
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
Data File : Copy of VR025686.D
Acq On : 7 Sep 2018 14:01
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 10 08:37:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 10 01:09:58 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
Client Sampled :
VICV91

Manual Integrations
APPROVED

apatel
9/10/2018 8:58:49 AM



TIC: Copy of VR025686.D

(9) Trichlorofluoromethane (T)

2.932min (-0.000) 2.17ug/L

response 199829

Ion	Exp%	Act%
101.00	100	100
103.00	16.50	62.71#
0.00	0.00	0.00
0.00	0.00	0.00

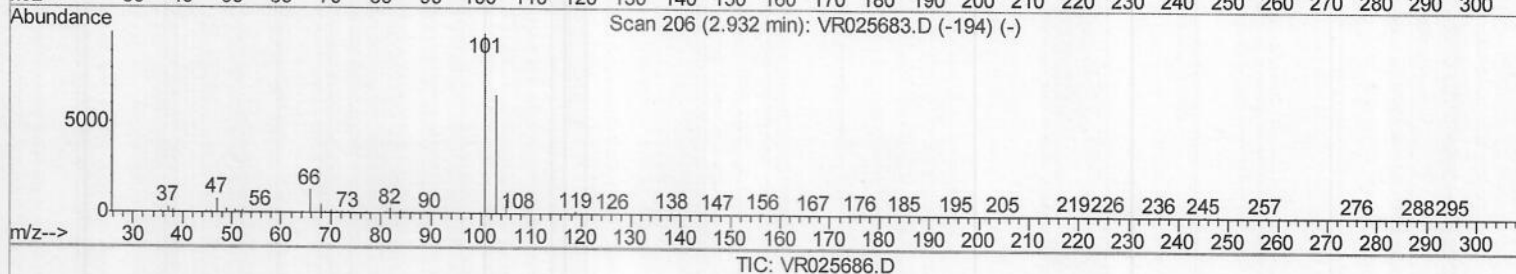
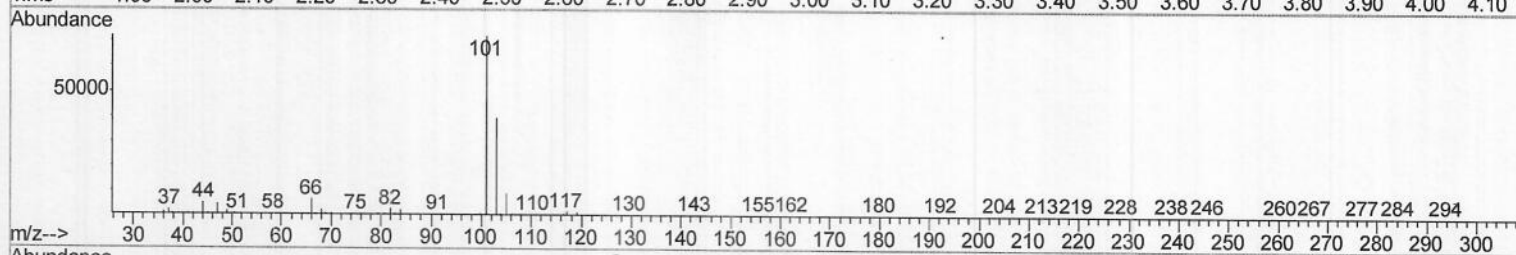
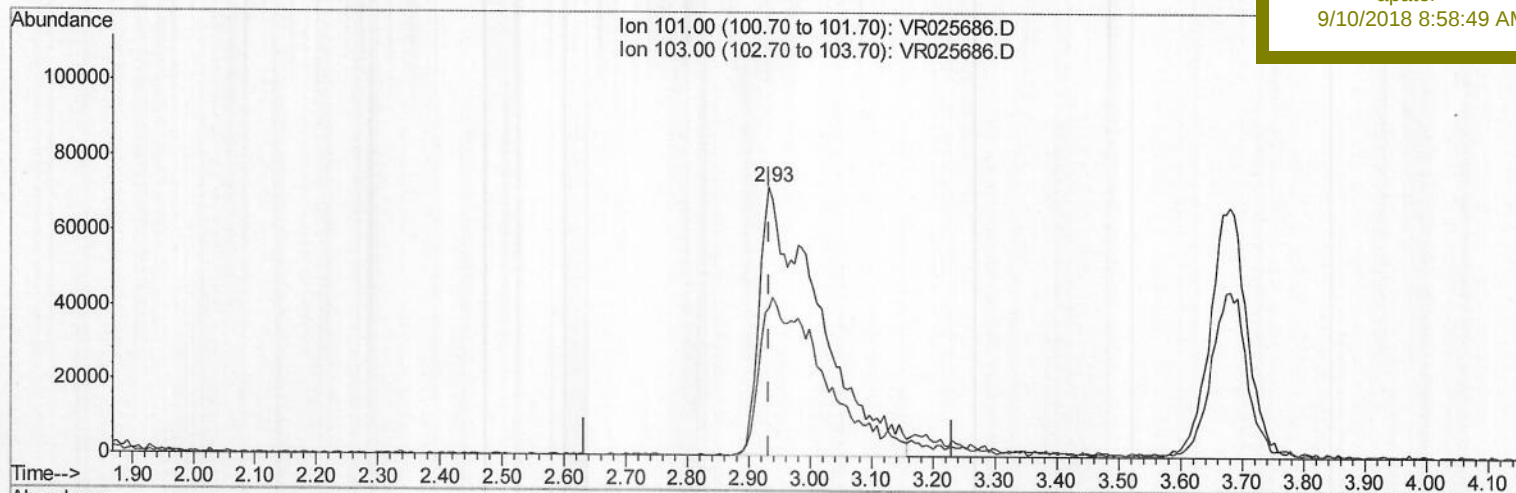
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
Data File : VR025686.D
Acq On : 7 Sep 2018 14:01
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 07 14:25:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 07 12:41:46 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV91

Manual Integrations
APPROVED

apatel
9/10/2018 8:58:49 AM



(9) Trichlorofluoromethane (T)

2.932min (-0.000) 5.26ug/L m > MD 09/10/18

response 484463

Ion	Exp%	Act%
101.00	100	100
103.00	16.50	25.87#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
 Data File : VR025686.D
 Acq On : 7 Sep 2018 14:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 Client Sampled :
 VICV91

Manual Integrations
 APPROVED

apatel
 9/10/2018 8:58:49 AM

Quant Time: Sep 07 14:25:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 07 12:41:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.46	114	803637	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	673477	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	281220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	187050	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	2.62	69	144435	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	3.63	63	465981	4.88	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	6.59	46	146967	41.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.34%
24) Chloroform-d	7.20	84	354403	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.90	65	116375	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	7.85	84	855624	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	8.90	67	209675	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	9.97	98	833119	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	10.24	79	50477	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	162970	45.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93906	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	177575	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	227996	5.563 ug/L	99
3) Chloromethane	2.01	50	287093	5.707 ug/L	98
5) Vinyl chloride	2.17	62	299819	5.996 ug/L	94
6) Bromomethane	2.52	94	191653	5.355 ug/L	85
8) Chloroethane	2.66	64	157489	5.364 ug/L	100
9) Trichlorofluoromethane	2.93	101	484463m	5.256 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	279525	5.627 ug/L	96
12) 1,1-Dichloroethene	3.64	96	272130	5.191 ug/L	83
13) Acetone	3.70	43	90050	37.886 ug/L	91
14) Carbon disulfide	3.93	76	745570	6.027 ug/L	96
15) Methyl Acetate	4.19	43	31511	3.719 ug/L	97
16) Methylene chloride	4.40	84	222650	4.797 ug/L	91
17) Methyl tert-butyl Ether	4.90	73	291735	4.523 ug/L	96
18) trans-1,2-Dichloroethene	4.88	96	319629	4.988 ug/L	97
19) 1,1-Dichloroethane	5.69	63	480136	4.860 ug/L	99
21) 2-Butanone	6.69	43	230237	45.899 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	278399	4.994 ug/L	97

) MD09/10/18

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR090718\
 Data File : VR025686.D
 Acq On : 7 Sep 2018 14:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV91

Quant Time: Sep 07 14:25:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 07 12:41:46 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
23) Bromochloromethane	7.06	128	83870	4.385	ug/L	96
25) Chloroform	7.23	83	419223	4.644	ug/L	96
27) 1,2-Dichloroethane	7.99	62	162075	4.550	ug/L	94
29) 1,1,1-Trichloroethane	7.43	97	339731	5.064	ug/L	97
30) Cyclohexane	7.51	56	488415	6.058	ug/L	98
31) Carbon tetrachloride	7.63	117	330548	5.083	ug/L	98
33) Benzene	7.91	78	1212076	5.052	ug/L	100
34) Trichloroethene	8.71	95	286309	4.923	ug/L	98
35) Methylcyclohexane	8.95	83	552451	6.155	ug/L	99
37) 1,2-Dichloropropane	8.99	63	255058	4.715	ug/L	100
38) Bromodichloromethane	9.28	83	231815	4.772	ug/L #	91
39) cis-1,3-Dichloropropene	9.72	75	284830	5.149	ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	653585	48.880	ug/L	98
42) Toluene	10.04	91	1281900	5.219	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	194911	5.010	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	108490	4.282	ug/L	91
47) Tetrachloroethene	10.51	164	240373	5.047	ug/L	97
48) 2-Hexanone	10.63	43	438991	46.814	ug/L	99
49) Dibromochloromethane	10.79	129	126944	4.704	ug/L	100
50) 1,2-Dibromoethane	10.89	107	92480	4.595	ug/L #	82
51) Chlorobenzene	11.32	112	742020	4.806	ug/L	95
52) Ethylbenzene	11.39	91	1432875	5.415	ug/L	100
53) m,p-Xylene	11.50	106	568802	5.342	ug/L	94
54) o-Xylene	11.83	106	517065	5.512	ug/L	96
55) Styrene	11.84	104	811588	5.372	ug/L	97
56) Isopropylbenzene	12.13	105	1383760	5.920	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	109877	4.452	ug/L	91
59) 1,2,3-Trichloropropane	12.44	75	72141	4.346	ug/L	97
61) Bromoform	12.01	173	50861	4.227	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	435863	4.962	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	467049	4.675	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	358572	4.731	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	9793	4.394	ug/L #	76
67) 1,3,5-Trichlorobenzene	14.29	180	258041	4.941	ug/L	97
68) 1,2,4-trichlorobenzene	14.78	180	154090	4.810	ug/L	98
69) Naphthalene	15.00	128	156969	4.380	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	117741	4.643	ug/L	97

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

apatel

9/10/2018 8:58:49 AM