

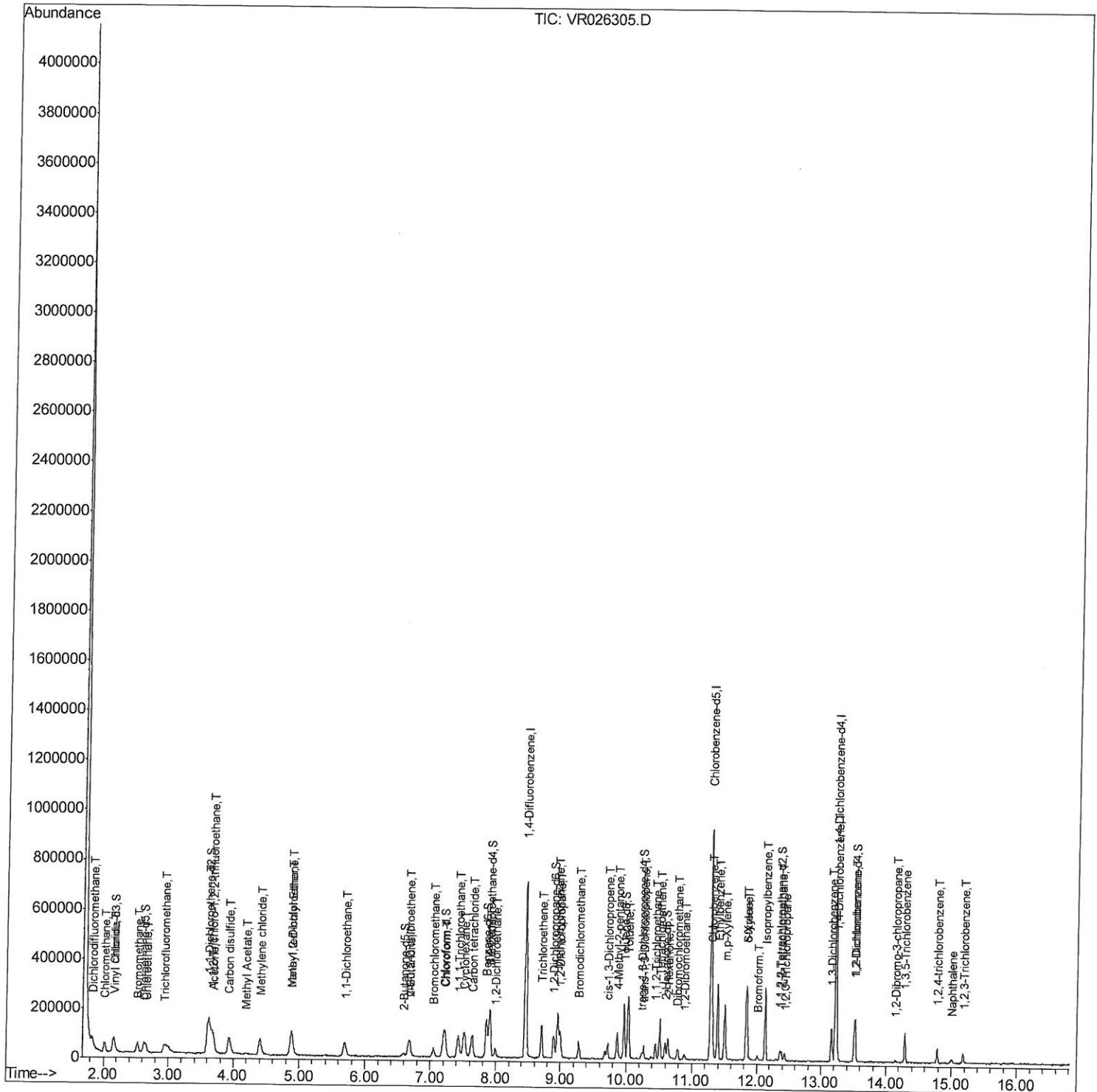
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021119\
Data File : VR026305.D
Acq On : 11 Feb 2019 12:43
Operator : SY/MD
Sample : VSTD00182
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleID :
VSTD00182

Manual Integrations
APPROVED

mohammad
2/16/2019 1:21:53 AM

Quant Time: Feb 14 05:38:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 04:34:21 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

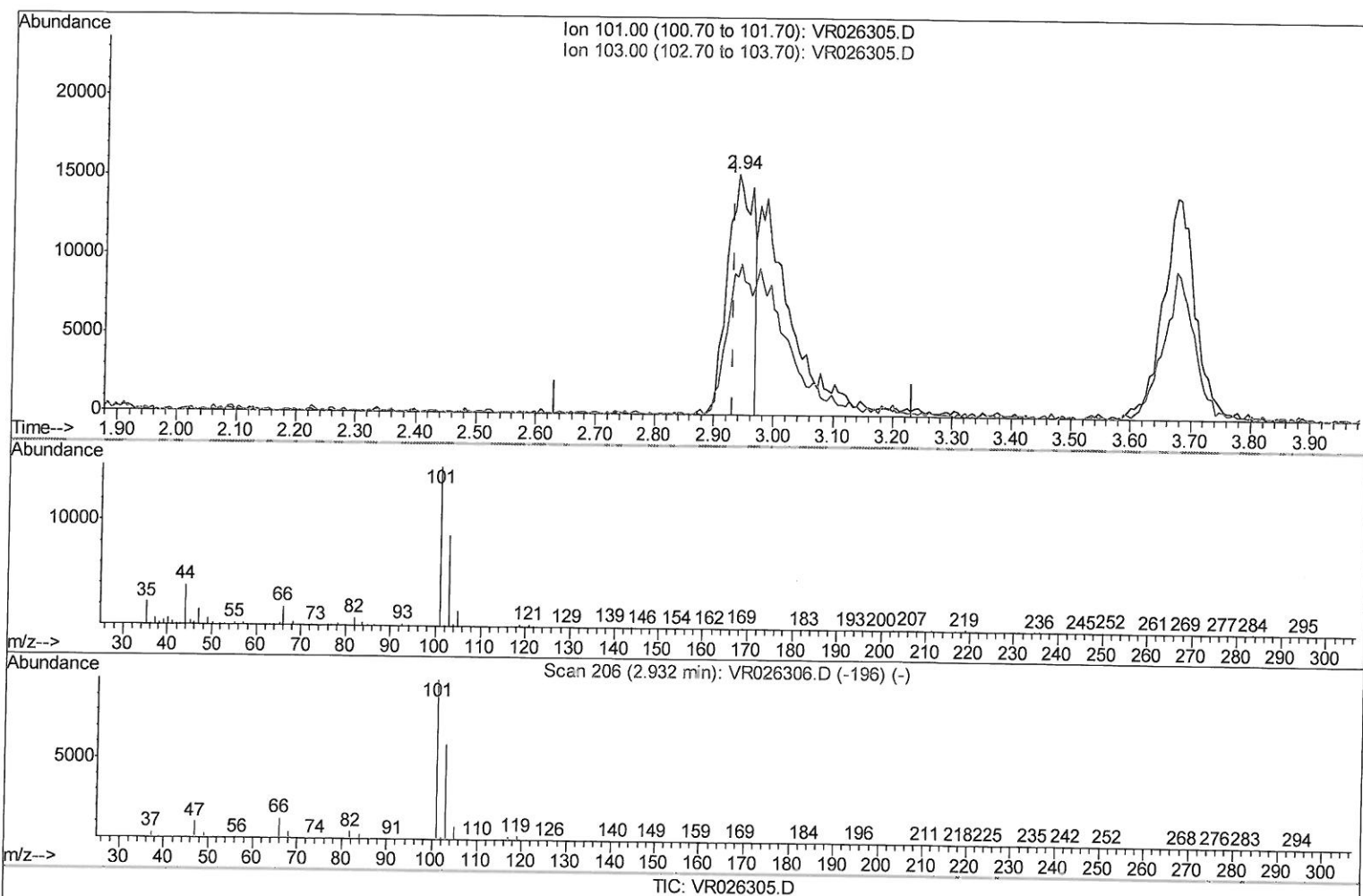
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021119\
Data File : VR026305.D
Acq On : 11 Feb 2019 12:43
Operator : SY/MD
Sample : VSTD00182
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00182

Manual Integrations
APPROVED

mohammad
2/16/2019 1:21:53 AM

Quant Time: Feb 14 04:47:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 14 04:34:21 2019
Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.938min (+0.006) 0.53ug/L

response 46488

Ion	Exp%	Act%
101.00	100	100
103.00	29.40	55.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

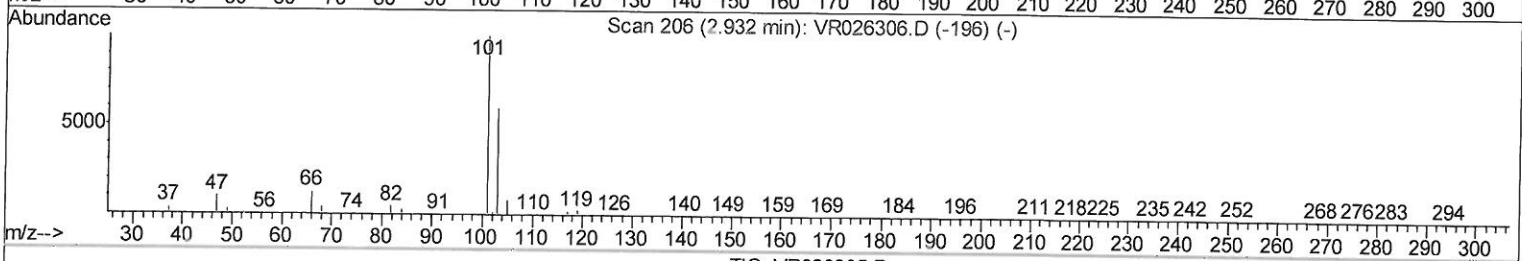
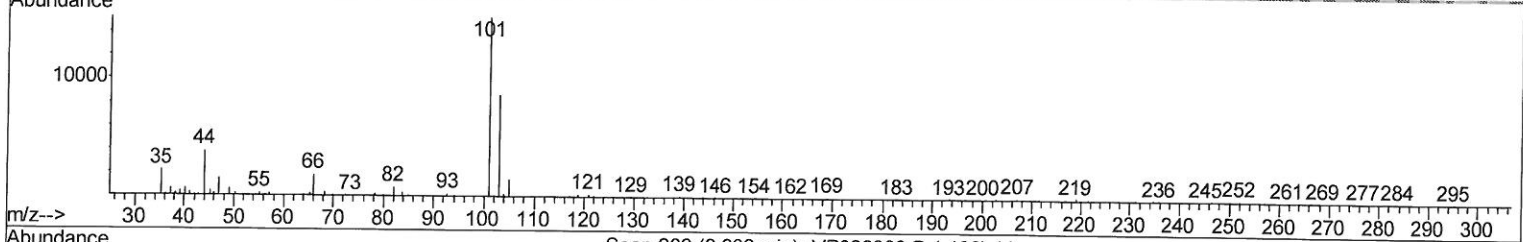
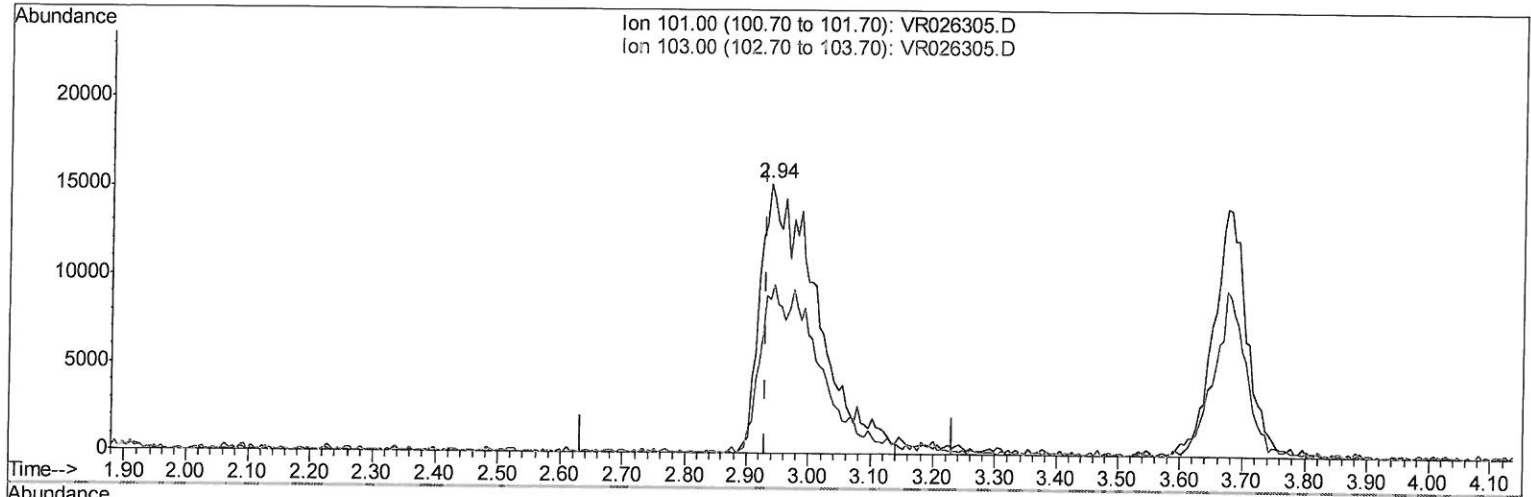
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021119\
 Data File : VR026305.D
 Acq On : 11 Feb 2019 12:43
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00182

Manual Integrations
 APPROVED

mohammad
 2/16/2019 1:21:53 AM

Quant Time: Feb 14 04:47:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 04:34:21 2019
 Response via : Initial Calibration



TIC: VR026305.D

(9) Trichlorofluoromethane (T)

2.938min (+0.006) 1.11ug/L m

response 96896

Ion	Exp%	Act%
101.00	100	100
103.00	29.40	26.60
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021119\
 Data File : VR026305.D
 Acq On : 11 Feb 2019 12:43
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleID :
 VSTD00182

Manual Integrations
 APPROVED

mohammad
 2/16/2019 1:21:53 AM

Quant Time: Feb 14 05:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 04:34:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	503497	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	415978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	147134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	54002	1.18	ug/L	0.00
7) Chloroethane-d5	2.62	69	42663	1.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	126010	1.14	ug/L	0.00
20) 2-Butanone-d5	6.59	46	27586	9.41	ug/L	0.00
24) Chloroform-d	7.20	84	84337	1.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	30203	1.09	ug/L	0.00
32) Benzene-d6	7.85	84	147245	1.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	39439	1.08	ug/L	0.00
41) Toluene-d8	9.97	98	129490	0.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	9736	0.99	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	16765	7.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	15251	1.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	26077	1.06	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.82	85	55519	1.197	ug/L	99
3) Chloromethane	2.01	50	59430	1.122	ug/L	89
5) Vinyl chloride	2.16	62	59468	1.114	ug/L	99
6) Bromomethane	2.52	94	38346	1.117	ug/L	96
8) Chloroethane	2.66	64	35362	1.103	ug/L	96
9) Trichlorofluoromethane	2.94	101	96896m	1.114	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	53301	1.166	ug/L	98
12) 1,1-Dichloroethene	3.62	96	52561	1.093	ug/L	# 66
13) Acetone	3.70	43	32882	10.651	ug/L	99
14) Carbon disulfide	3.93	76	164902	1.048	ug/L	97
15) Methyl Acetate	4.19	43	9733	1.149	ug/L	98
16) Methylene chloride	4.40	84	46240	1.135	ug/L	88
17) Methyl tert-butyl Ether	4.89	73	38763	0.915	ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	43500	0.996	ug/L	90
19) 1,1-Dichloroethane	5.70	63	76724	1.024	ug/L	98
21) 2-Butanone	6.69	43	30465	8.717	ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	30776	0.874	ug/L	# 99
23) Bromochloromethane	7.04	128	11511	1.048	ug/L	90
25) Chloroform	7.23	83	76647	1.053	ug/L	86
27) 1,2-Dichloroethane	7.99	62	32891	1.044	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	71946	1.051	ug/L	98
30) Cyclohexane	7.52	56	46523	0.849	ug/L	97
31) Carbon tetrachloride	7.64	117	67230	1.059	ug/L	98
33) Benzene	7.91	78	165114	1.003	ug/L	100
34) Trichloroethene	8.71	95	42109	0.992	ug/L	96
35) Methylcyclohexane	8.95	83	51923	0.880	ug/L	94
37) 1,2-Dichloropropane	8.99	63	37584	1.058	ug/L	# 93
38) Bromodichloromethane	9.28	83	41176	1.039	ug/L	# 95
39) cis-1,3-Dichloropropene	9.72	75	28668	0.784	ug/L	100
40) 4-Methyl-2-pentanone	9.87	43	69189	8.446	ug/L	94

2/14/19 SC

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR021119\
 Data File : VR026305.D
 Acq On : 11 Feb 2019 12:43
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00182

Manual Integrations
 APPROVED

mohammad
 2/16/2019 1:21:53 AM

Quant Time: Feb 14 05:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 04:34:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	164765	0.974	ug/L	95
44) trans-1,3-Dichloropropene	10.26	75	24645	0.908	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	15687	1.057	ug/L	96
47) Tetrachloroethene	10.51	164	32026	0.983	ug/L	96
48) 2-Hexanone	10.63	43	48916	8.880	ug/L	93
49) Dibromochloromethane	10.79	129	18898	0.991	ug/L	91
50) 1,2-Dibromoethane	10.89	107	12229	1.036	ug/L	95
51) Chlorobenzene	11.32	112	101674	1.051	ug/L	92
52) Ethylbenzene	11.39	91	176129	0.931	ug/L	98
53) m,p-Xylene	11.50	106	62147	0.899	ug/L	99
54) o-Xylene	11.83	106	48171	0.808	ug/L	98
55) Styrene	11.84	104	83480	0.892	ug/L	99
56) Isopropylbenzene	12.13	105	143965	0.850	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	14460	1.052	ug/L #	84
59) 1,2,3-Trichloropropane	12.43	75	10079	1.017	ug/L	95
61) Bromoform	12.01	173	7635	1.054	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	46361	0.965	ug/L	90
63) 1,4-Dichlorobenzene	13.24	146	59175	1.079	ug/L	94
65) 1,2-Dichlorobenzene	13.53	146	42408	1.030	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	1564	1.183	ug/L #	67
67) 1,3,5-Trichlorobenzene	14.29	180	29815	0.968	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	14118	0.849	ug/L	93
69) Naphthalene	15.00	128	10493	0.703	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	10404	0.867	ug/L	92

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