

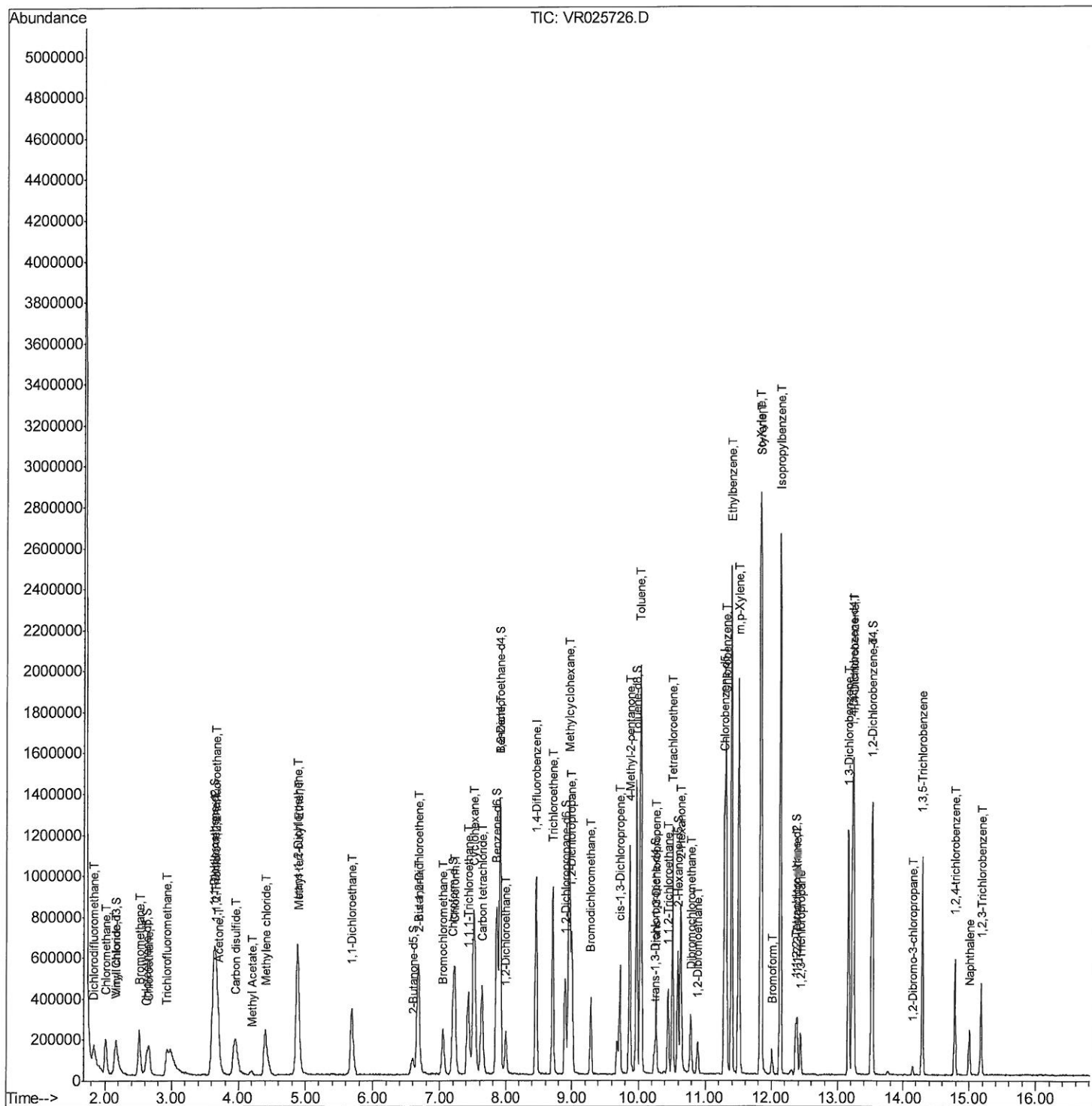
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
Data File : VR025726.D
Acq On : 14 Sep 2018 9:45
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampleId :
VSTD00503

Manual Integrations
APPROVED

MMDadoda
9/17/2018 1:11:26 PM

Quant Time: Sep 15 03:16:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 03:48:20 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

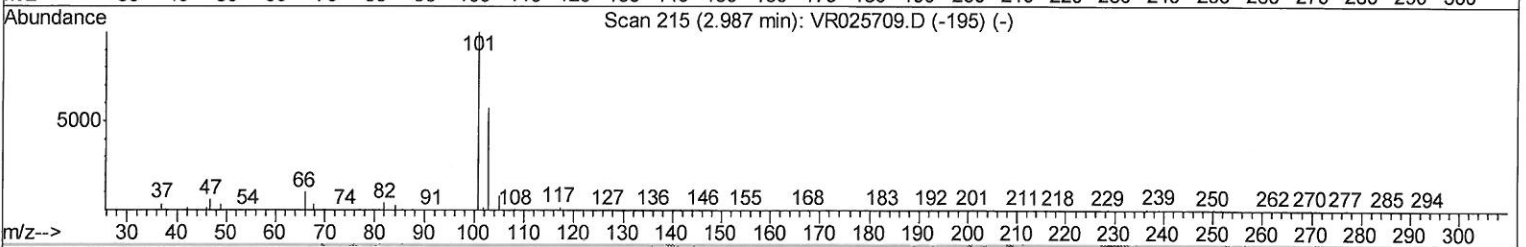
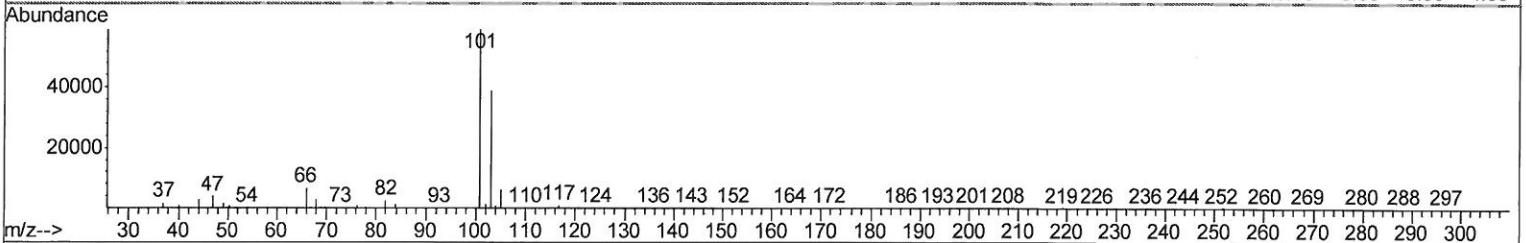
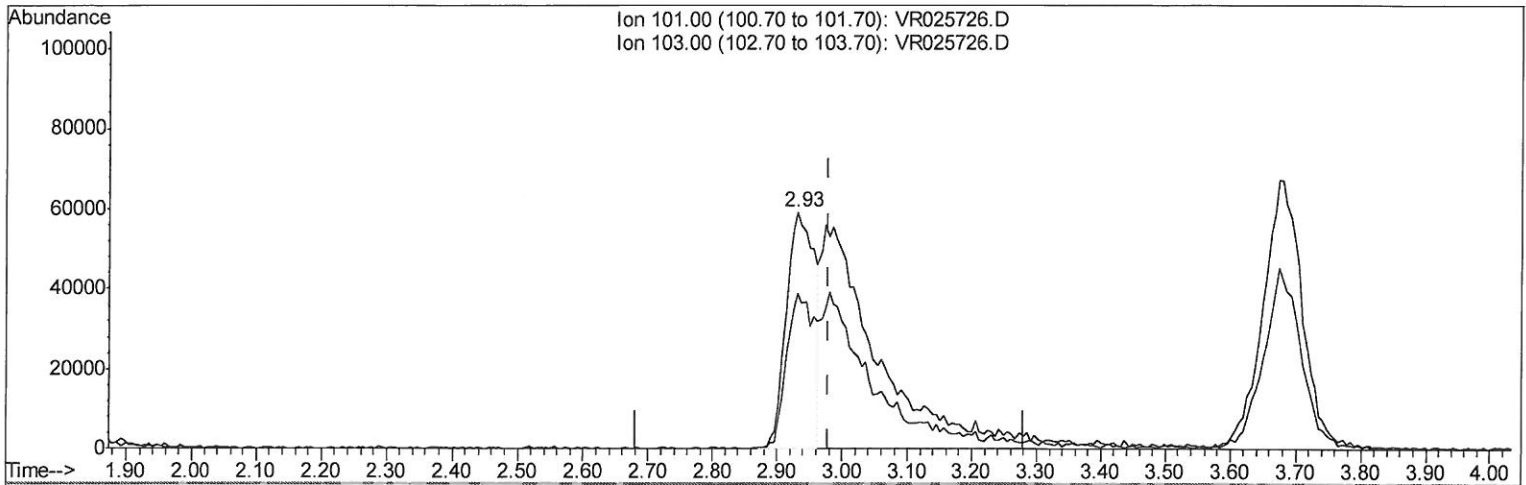
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025726.D
 Acq On : 14 Sep 2018 9:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
LabSampleId :
 VSTD00503

Manual Integrations
APPROVED

MMDadoda
 9/17/2018 1:11:26 PM

Quant Time: Sep 15 03:15:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration



TIC: VR025726.D

(9) Trichlorofluoromethane (T)

2.932min (-0.049) 1.97ug/L

response 179716

Ion	Exp%	Act%
101.00	100	100
103.00	16.50	65.13#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

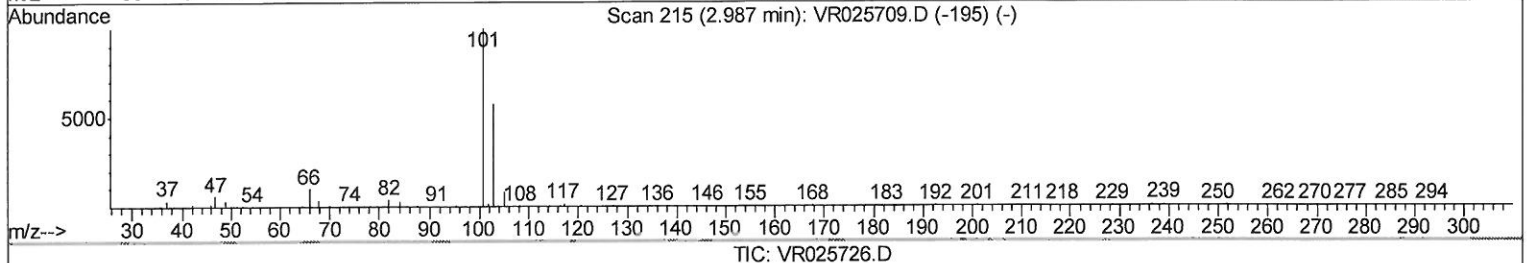
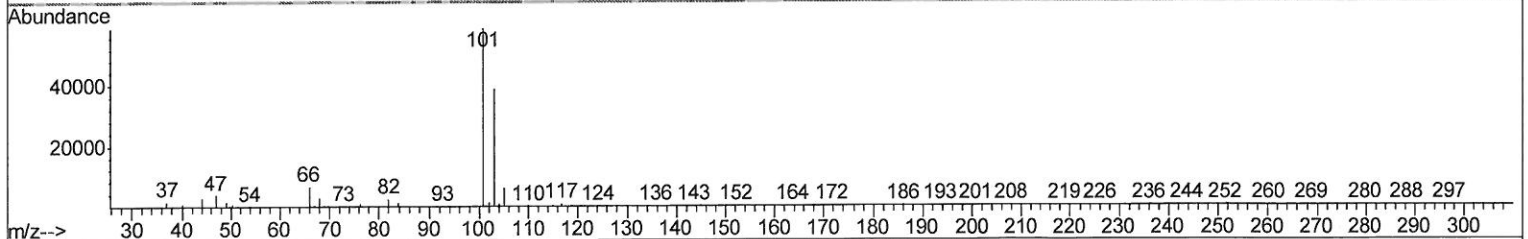
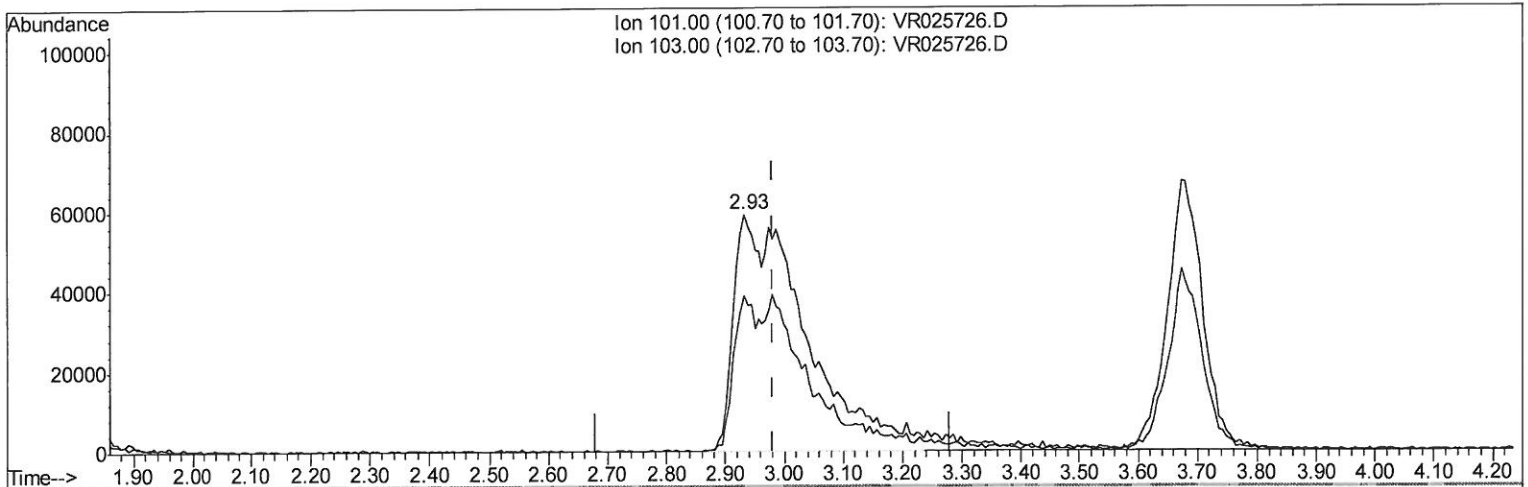
Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025726.D
 Acq On : 14 Sep 2018 9:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:11:26 PM

Quant Time: Sep 15 03:15:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.932min (-0.049) 5.53ug/L m

29/17/18 SY

response 503933

Ion	Exp%	Act%
101.00	100	100
103.00	16.50	23.23#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025726.D
 Acq On : 14 Sep 2018 9:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:11:26 PM

Quant Time: Sep 15 03:16:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	793964	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	691845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	299063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147305	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	2.62	69	133258	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	3.63	63	447963	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	6.59	46	156157	44.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.62%
24) Chloroform-d	7.20	84	384635	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	7.90	65	125895	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.85	84	911958	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	8.89	67	234158	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	9.97	98	901244	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	10.24	79	51899	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	190608	51.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	109537	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	199233	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	212523	5.25	ug/L 98
3) Chloromethane	2.01	50	254218	5.11	ug/L 95
5) Vinyl chloride	2.17	62	251725	5.10	ug/L 100
6) Bromomethane	2.52	94	184674	5.22	ug/L 97
8) Chloroethane	2.66	64	146862	5.06	ug/L 99
9) Trichlorofluoromethane	2.93	101	503933m	5.53	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	284682	5.80	ug/L 98
12) 1,1-Dichloroethene	3.64	96	267997	5.17	ug/L 88
13) Acetone	3.70	43	106775	45.47	ug/L 92
14) Carbon disulfide	3.95	76	666886	5.46	ug/L 96
15) Methyl Acetate	4.19	43	30999	3.70	ug/L 92
16) Methylene chloride	4.40	84	222967	4.86	ug/L 94
17) Methyl tert-butyl Ether	4.90	73	307053	4.82	ug/L 96
18) trans-1,2-Dichloroethene	4.88	96	328907	5.20	ug/L 97
19) 1,1-Dichloroethane	5.69	63	492519	5.05	ug/L 99
21) 2-Butanone	6.69	43	253388	51.13	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	288649	5.24	ug/L # 98

09/17/18 Sy

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025726.D
 Acq On : 14 Sep 2018 9:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTD00503

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 1:11:26 PM

Quant Time: Sep 15 03:16:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	87991	4.66	ug/L	95
25) Chloroform	7.23	83	442951	4.97	ug/L	99
27) 1,2-Dichloroethane	7.99	62	173571	4.93	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	351849	5.11	ug/L	98
30) Cyclohexane	7.51	56	493057	5.95	ug/L	96
31) Carbon tetrachloride	7.63	117	352316	5.27	ug/L	97
33) Benzene	7.91	78	1295818	5.26	ug/L	100
34) Trichloroethene	8.71	95	305669	5.12	ug/L	99
35) Methylvclclohexane	8.95	83	575331	6.24	ug/L	98
37) 1,2-Dichloropropane	9.00	63	278700	5.02	ug/L	99
38) Bromodichloromethane	9.28	83	238707	4.78	ug/L	89
39) cis-1,3-Dichloropropene	9.72	75	288147	5.07	ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	699723	50.94	ug/L	99
42) Toluene	10.04	91	1392217	5.52	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	192665	4.82	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	122239	4.70	ug/L	93
47) Tetrachloroethene	10.51	164	262155	5.36	ug/L	97
48) 2-Hexanone	10.63	43	489089	50.77	ug/L	100
49) Dibromochloromethane	10.79	129	137005	4.94	ug/L	99
50) 1,2-Dibromoethane	10.89	107	95512	4.62	ug/L #	90
51) Chlorobenzene	11.32	112	812513	5.12	ug/L	100
52) Ethylbenzene	11.39	91	1549693	5.70	ug/L	99
53) m,p-Xylene	11.50	106	612474	5.60	ug/L	98
54) o-Xylene	11.83	106	559978	5.81	ug/L	98
55) Styrene	11.84	104	890805	5.74	ug/L	99
56) Isopropylbenzene	12.13	105	1500701	6.25	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	123161	4.86	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	79745	4.68	ug/L	94
61) Bromoform	12.01	173	54483	4.26	ug/L	92
62) 1,3-Dichlorobenzene	13.16	146	470128	5.03	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	526492	4.96	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	397327	4.93	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.14	75	9104	3.84	ug/L	91
67) 1,3,5-Trichlorobenzene	14.29	180	286428	5.16	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	163281	4.79	ug/L	99
69) Naphthalene	15.00	128	162065	4.25	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	129368	4.80	ug/L	99

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