Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

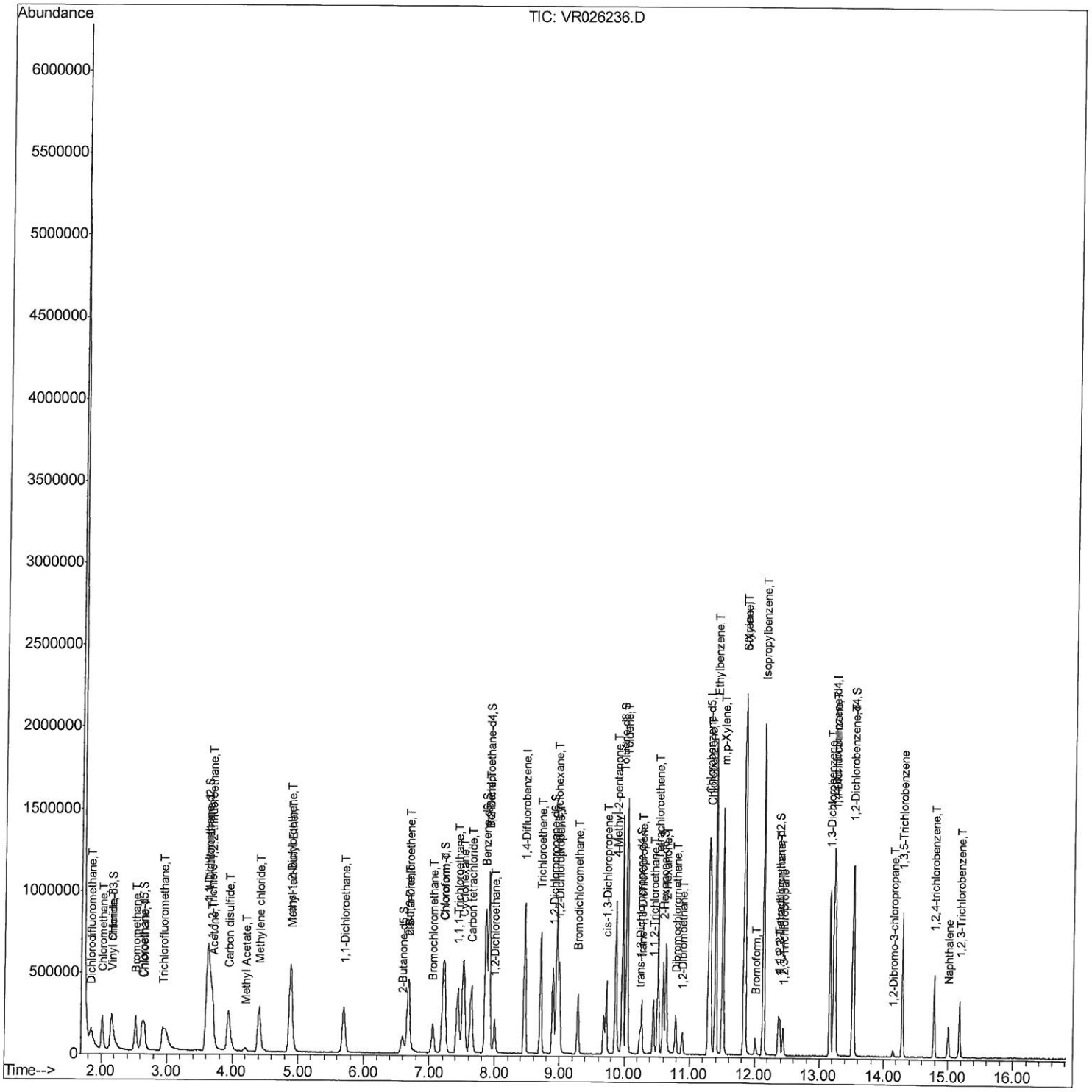
Quantitation Report (QT Reviewed)

Data File : VR026236.D
Acq On : 20 Nov 2018 18:45
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 21 03:22:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV93

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:08 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

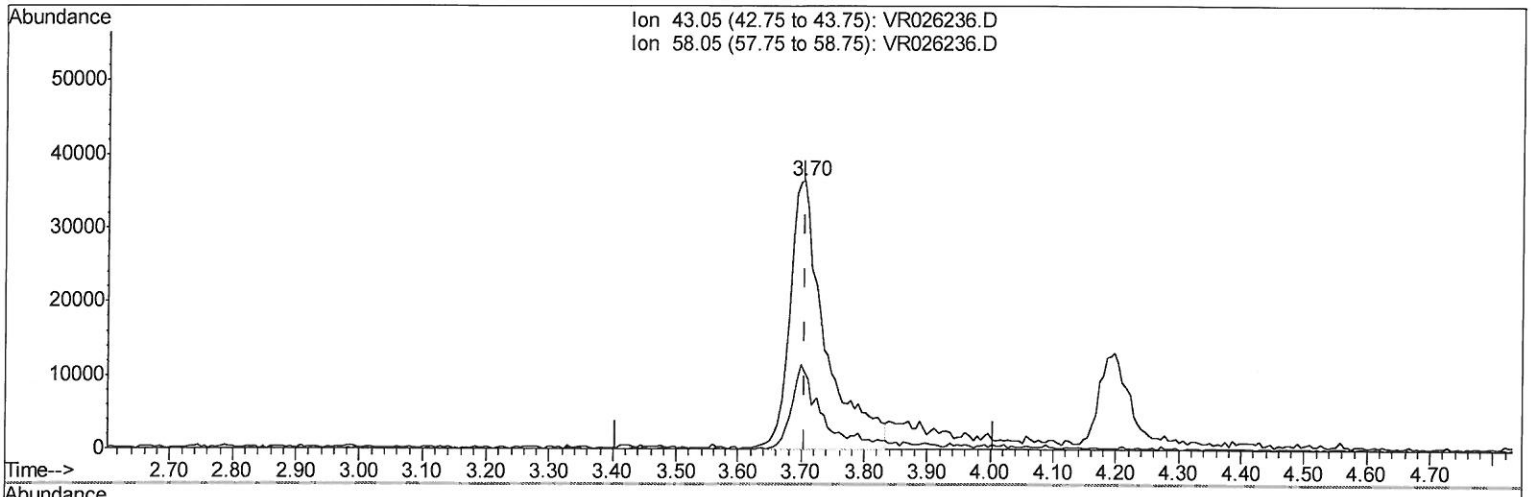
Quantitation Report (Qedit)

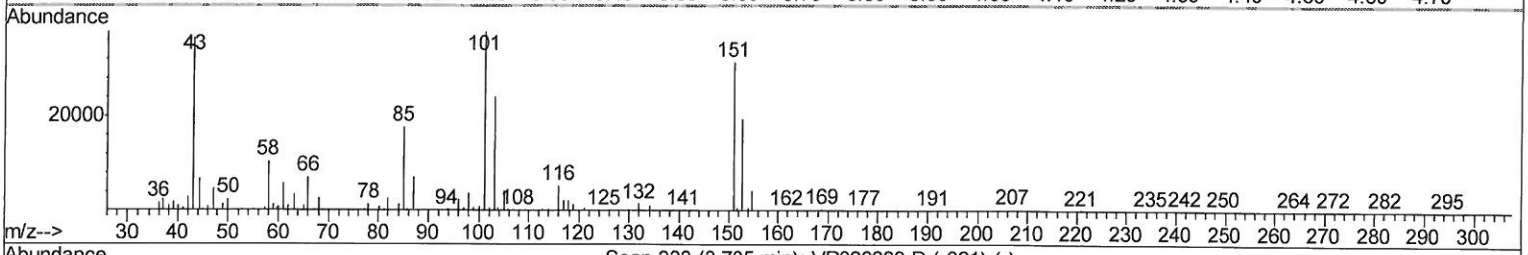
Data File : VR026236.D
Acq On : 20 Nov 2018 18:45
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

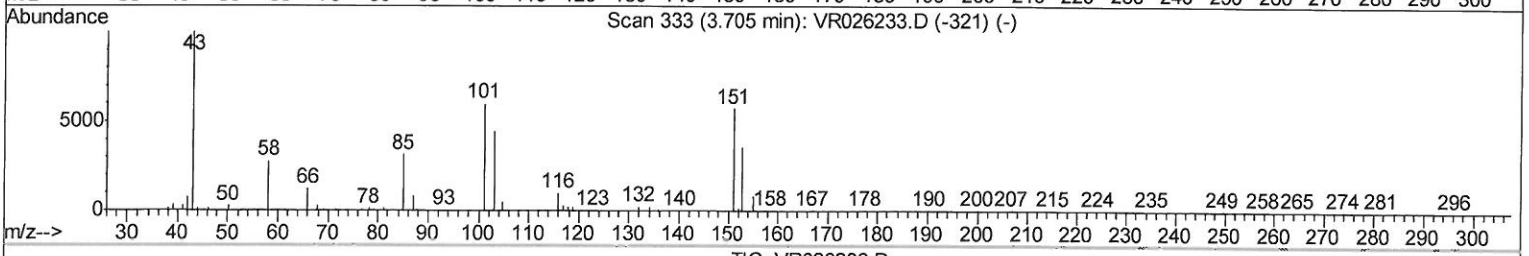
Quant Time: Nov 21 03:19:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV93

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:08 PM







TIC: VR026236.D

(13) Acetone (T)

3.705min (-0.000) 40.25ug/L

response 143845

Ion	Exp%	Act%
43.05	100	100
58.05	27.50	23.82
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

Quantitation Report (Qedit)

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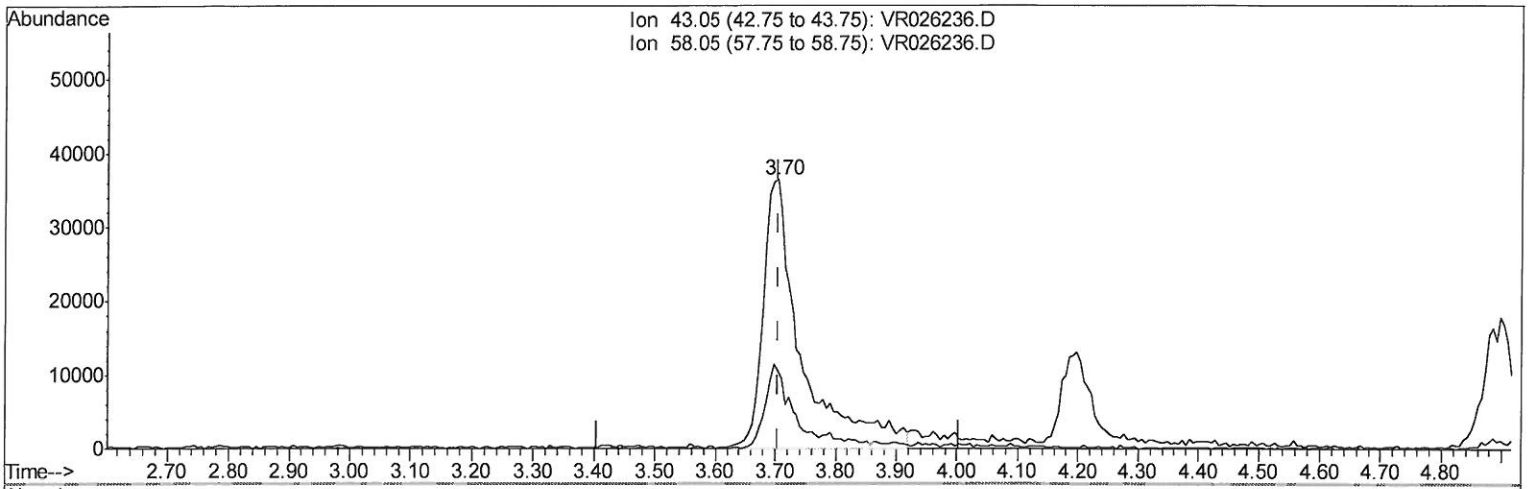
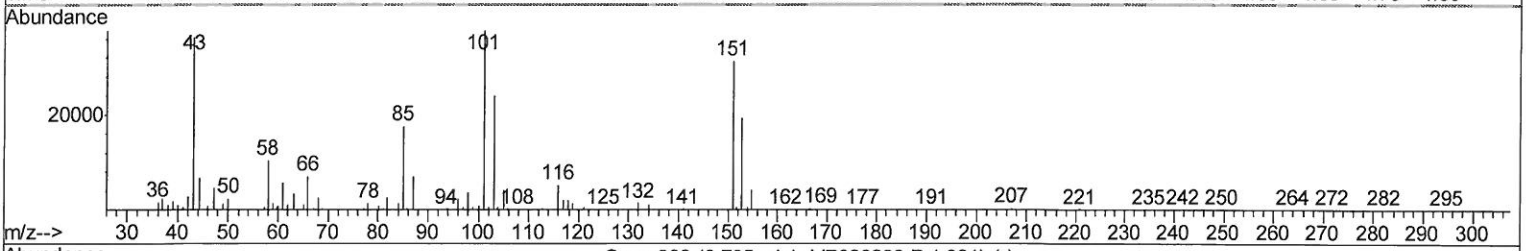
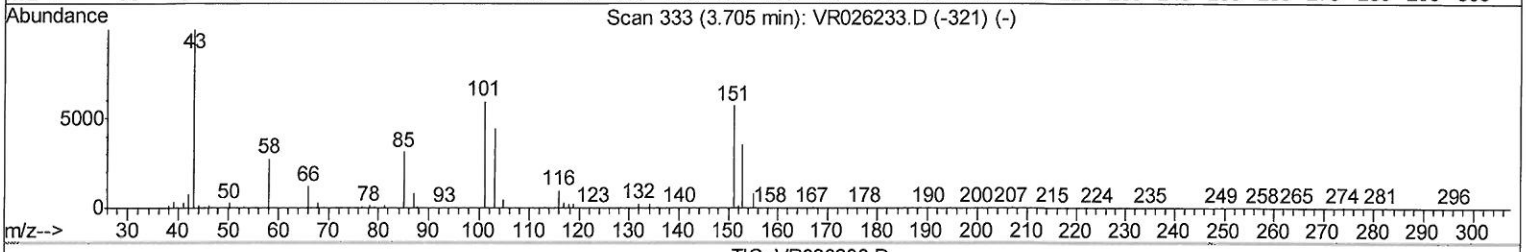
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VICV93

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:08 PM







TIC: VR026236.D

(13) Acetone (T)

3.705min (-0.000) 44.68ug/L m 11/26/18 SM

response 159662

Ion	Exp%	Act%
43.05	100	100
58.05	27.50	21.46
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\

Quantitation Report (QT Reviewed)

Data File : VR026236.D
Acq On : 20 Nov 2018 18:45
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VICV93

Manual Integrations APPROVED
MMDadoda
11/21/2018 5:40:08 PM

Quant Time: Nov 21 03:22:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	673175	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	567401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	227726	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	243536	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	2.63	69	214024	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	3.61	63	593579	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	6.59	46	215425	45.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.64%			
24) Chloroform-d	7.20	84	456805	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	7.90	65	174742	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	7.85	84	897507	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	8.90	67	219987	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.80%			
41) Toluene-d8	9.97	98	836477	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	10.24	79	64090	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	10.59	63	170521	54.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.70%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94622	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	186315	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	218495	4.636	ug/L	96
3) Chloromethane	2.01	50	280581	4.634	ug/L	94
5) Vinyl chloride	2.17	62	282882	4.752	ug/L	94
6) Bromomethane	2.52	94	183402	4.602	ug/L	96
8) Chloroethane	2.66	64	168078	4.513	ug/L	97
9) Trichlorofluoromethane	2.94	101	414082	4.581	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	231075	4.450	ug/L	100
12) 1,1-Dichloroethene	3.63	96	250670	4.438	ug/L	92
13) Acetone	3.70	43	159662m)	44.675	ug/L	11/26/18 SY
14) Carbon disulfide	3.94	76	666477	4.726	ug/L	99
15) Methyl Acetate	4.20	43	39778	3.836	ug/L	95
16) Methylene chloride	4.41	84	218167	4.319	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	274088	4.692	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	232160	4.474	ug/L	97
19) 1,1-Dichloroethane	5.70	63	417460	4.483	ug/L	98
21) 2-Butanone	6.69	43	224277	44.577	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	215952	4.618	ug/L #	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 18:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.06	128	61615	4.377 ug/L	95
25) Chloroform	7.23	83	422501	4.182 ug/L	100
27) 1,2-Dichloroethane	7.99	62	184349	4.481 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	352007	4.388 ug/L	100
30) Cyclohexane	7.52	56	339241	4.754 ug/L	98
31) Carbon tetrachloride	7.64	117	321011	4.402 ug/L	98
33) Benzene	7.91	78	924494	4.459 ug/L	100
34) Trichloroethene	8.71	95	238643	4.346 ug/L	95
35) Methylcyclohexane	8.95	83	345701	4.728 ug/L	99
37) 1,2-Dichloropropane	9.00	63	191373	4.460 ug/L	98
38) Bromodichloromethane	9.28	83	219477	4.382 ug/L	95
39) cis-1,3-Dichloropropene	9.72	75	235211	4.775 ug/L	97
40) 4-Methyl-2-pentanone	9.87	43	600634	50.368 ug/L	99
42) Toluene	10.04	91	1024548	4.136 ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	156256	4.648 ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	86034	4.659 ug/L	97
47) Tetrachloroethene	10.51	164	173750	4.308 ug/L	97
48) 2-Hexanone	10.63	43	401654	50.148 ug/L	99
49) Dibromochloromethane	10.79	129	105676	4.709 ug/L	96
50) 1,2-Dibromoethane	10.89	107	73606	4.571 ug/L	90
51) Chlorobenzene	11.32	112	551014	4.546 ug/L	97
52) Ethylbenzene	11.39	91	1146511	4.622 ug/L	100
53) m,p-Xylene	11.50	106	421962	4.613 ug/L	100
54) o-Xylene	11.83	106	392258	4.683 ug/L	92
55) Styrene	11.84	104	609908	4.771 ug/L	100
56) Isopropylbenzene	12.13	105	1087566	4.740 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	80455	4.476 ug/L	93
59) 1,2,3-Trichloropropane	12.43	75	62704	4.653 ug/L	96
61) Bromoform	12.01	173	39784	4.556 ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	337949	4.661 ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	349754	4.472 ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	276379	4.642 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8734	4.387 ug/L #	88
67) 1,3,5-Trichlorobenzene	14.29	180	209812	4.469 ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	122549	4.616 ug/L	98
69) Naphthalene	15.00	128	128087	4.953 ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	90297	4.755 ug/L	99

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