Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040219\

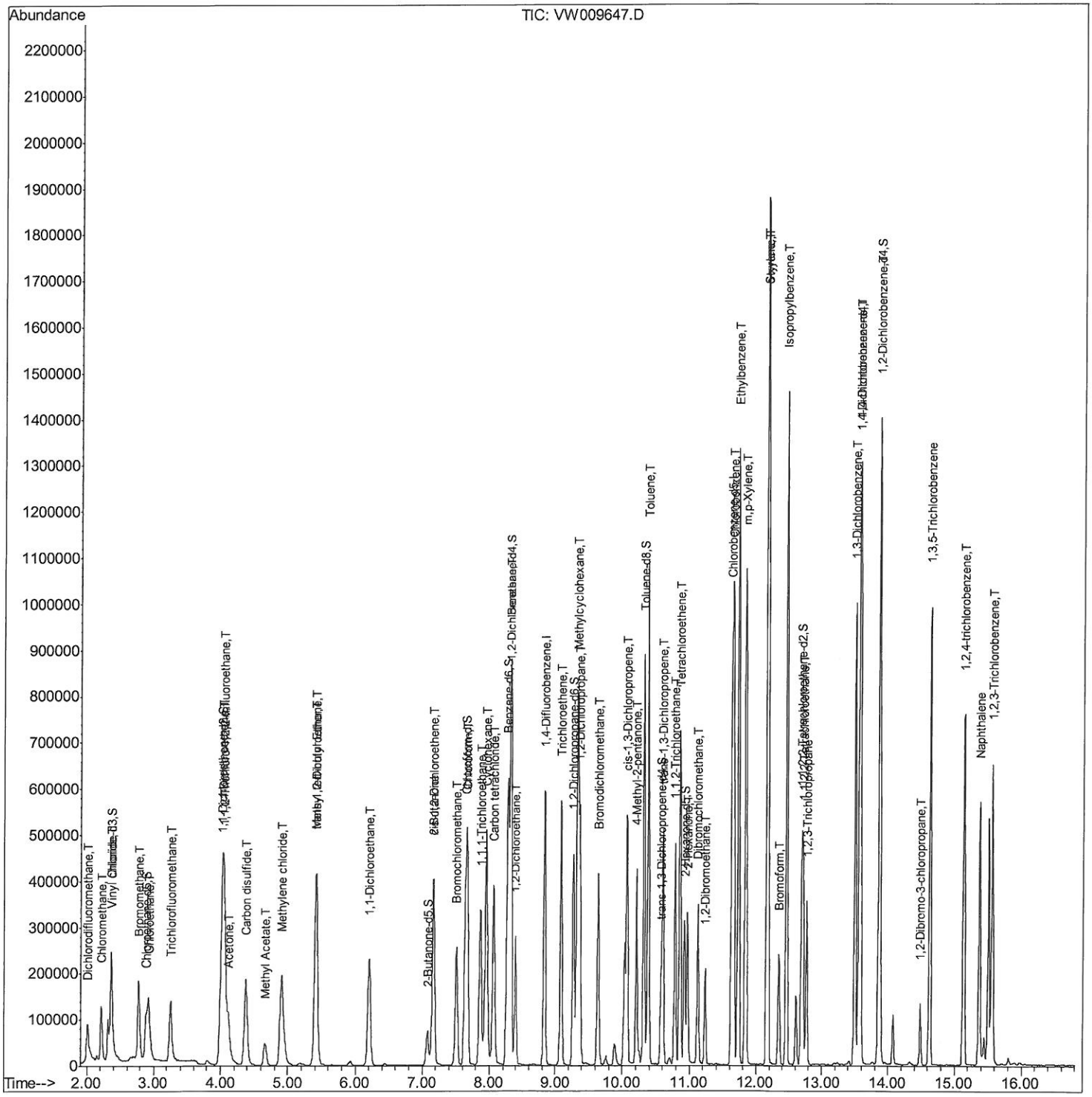
Quantitation Report (QT Reviewed)

Data File : VW009647.D
Acq On : 02 Apr 2019 10:18
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 03 04:06:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 09:09:28 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
LabSampleId :
VSTD02508

Manual Integrations APPROVED
MMDadoda
4/9/2019 5:12:25 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\

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Quant Title : VOC Analysis
QLast Update : Tue Apr 02 09:09:28 2019
Response via : Initial Calibration

Instrument :
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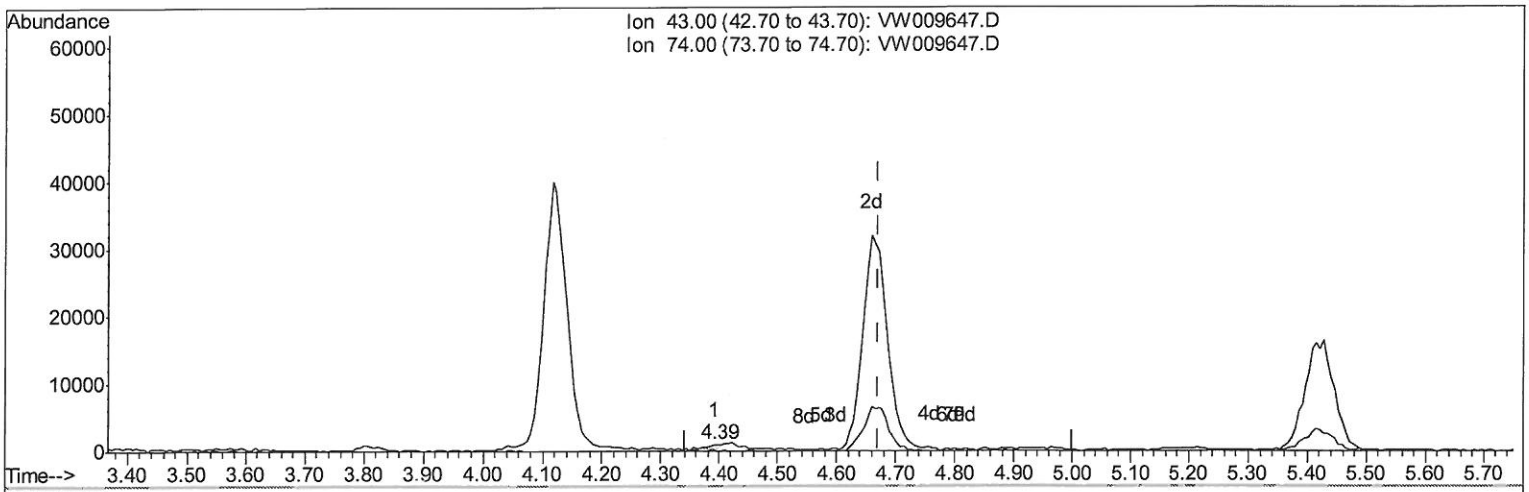

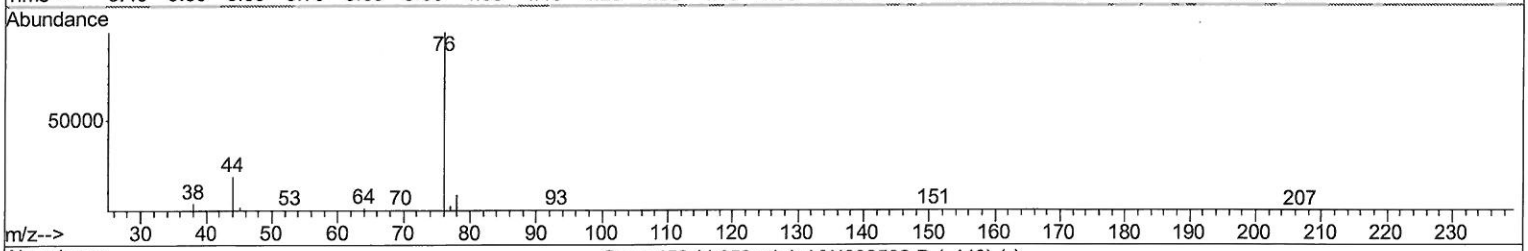

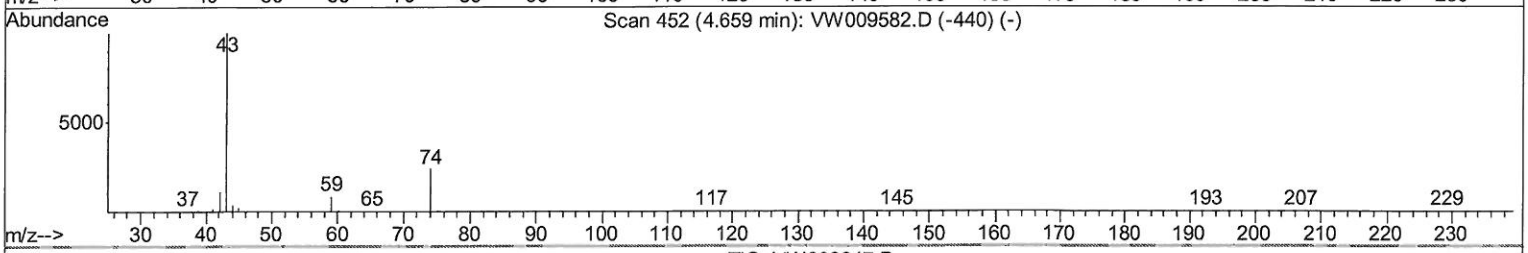

TIC: VW009647.D

(15) Methyl Acetate (T)

4.391min (-0.281) 0.20ug/L

response 751

Ion	Exp%	Act%
43.00	100	100
74.00	20.90	19.97
0.00	0.00	0.00
0.00	0.00	0.00

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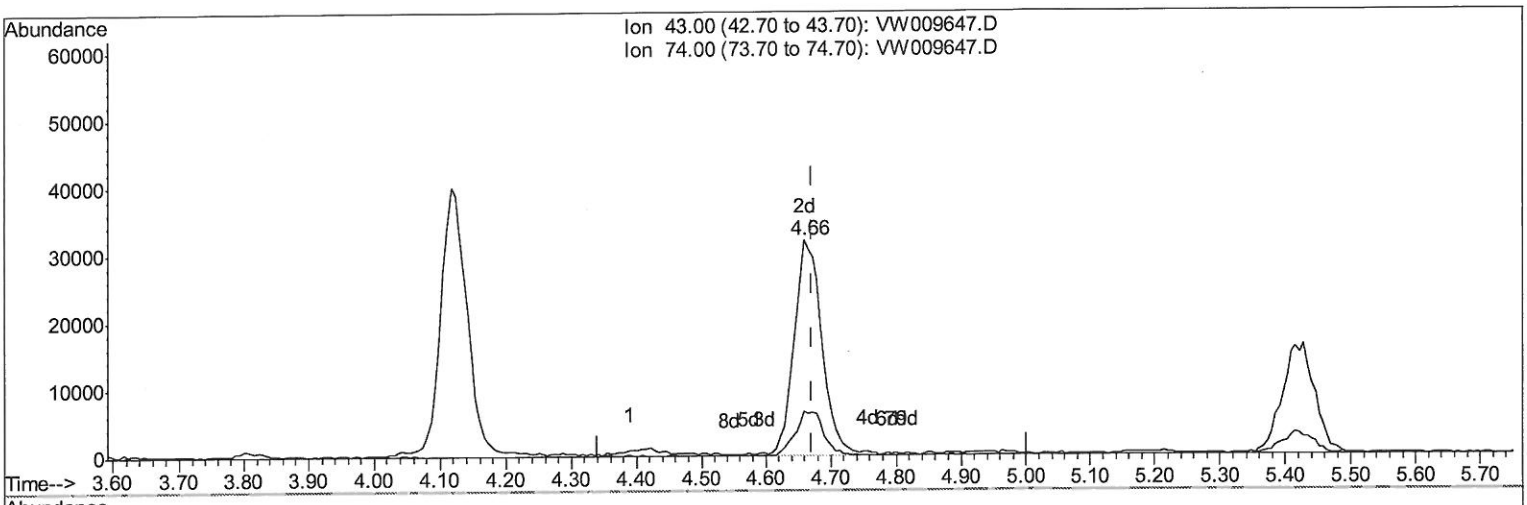

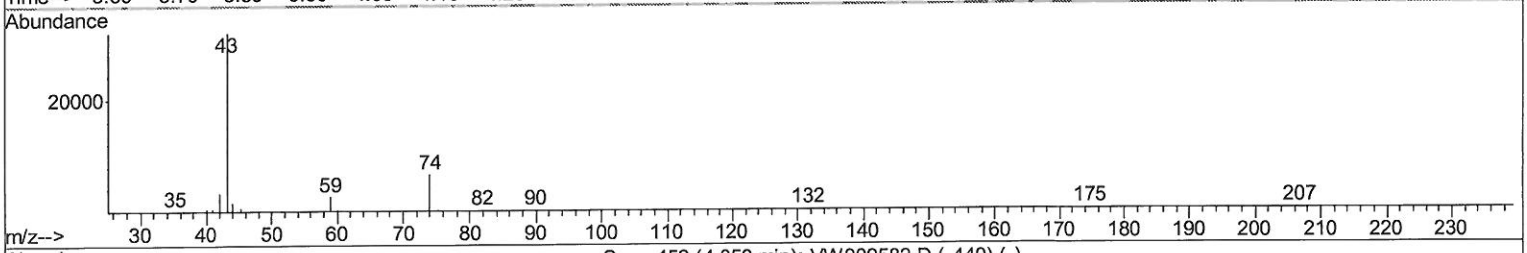

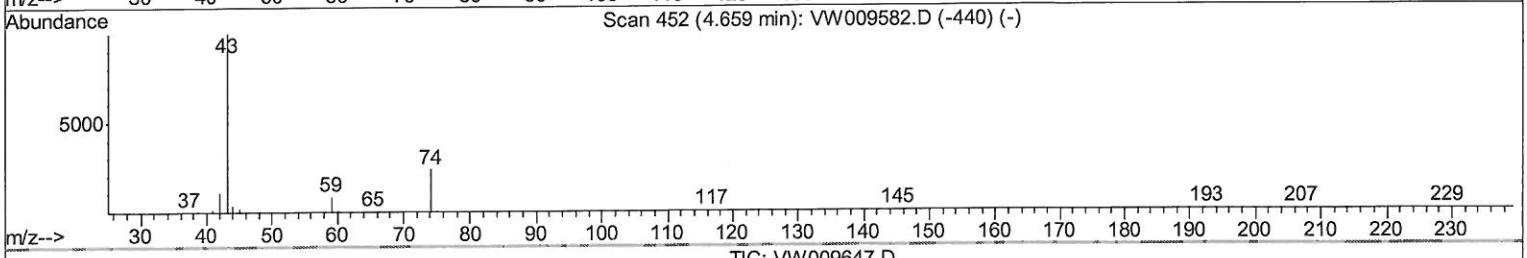

TIC: VW009647.D

(15) Methyl Acetate (T)

4.659min (-0.012) 24.90ug/L m

response 93842

> MD 4/13/19

Ion	Exp%	Act%
43.00	100	100
74.00	20.90	0.16#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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QLast Update : Tue Apr 02 09:09:28 2019
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Instrument : MSVOA_W
LabSampleId : VSTD02508

Manual Integrations APPROVED
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4/9/2019 5:12:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473304	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	231065	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	112045	19.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.24%			
7) Chloroethane-d5	2.89	69	128230	19.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.52%			
10) 1,1-Dichloroethene-d2	4.01	63	301547	24.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.68%			
20) 2-Butanone-d5	7.07	46	126278	53.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.98%			
24) Chloroform-d	7.64	84	347643	26.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.64%			
26) 1,2-Dichloroethane-d4	8.30	65	208340	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%			
29) Benzene-d6	8.27	84	600235	24.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.52%			
33) 1,2-Dichloropropane-d6	9.27	67	192001	25.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.88%			
37) Toluene-d8	10.32	98	554449	24.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.44%			
38) trans-1,3-Dichloropropene-	10.57	79	90493	24.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.48%			
39) 2-Hexanone-d5	10.93	63	96478	53.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.74%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	201413	27.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.64%			
61) 1,2-Dichlorobenzene-d4	13.86	152	221694	25.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.08%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	136919	21.960	ug/L	93
3) Chloromethane	2.21	50	142940	21.608	ug/L	99
5) Vinyl chloride	2.37	62	201009	29.522	ug/L	97
6) Bromomethane	2.78	94	139452	24.446	ug/L	97
8) Chloroethane	2.92	64	141811	25.174	ug/L	90
9) Trichlorofluoromethane	3.26	101	144900	26.941	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	167799	27.016	ug/L #	68
12) 1,1-Dichloroethene	4.03	96	162041	27.802	ug/L	92
13) Acetone	4.12	43	105248	54.869	ug/L	98
14) Carbon disulfide	4.37	76	437136	27.868	ug/L	98
15) Methyl Acetate	4.66	43	93842m	24.903	ug/L	
16) Methylene chloride	4.91	84	165744	24.014	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	223379	27.087	ug/L #	90
18) trans-1,2-Dichloroethene	5.41	96	164370	26.824	ug/L	97
19) 1,1-Dichloroethane	6.21	63	324213	29.017	ug/L	97
21) 2-Butanone	7.16	43	135628	51.209	ug/L	94
22) cis-1,2-Dichloroethene	7.16	96	178137	26.835	ug/L	91

MO 4/13/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	80883	25.404	ug/L	87
25) Chloroform	7.67	83	338172	28.902	ug/L	99
27) 1,2-Dichloroethane	8.40	62	252045	28.892	ug/L	96
30) Cyclohexane	7.95	56	278758	27.496	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	270557	30.347	ug/L	99
32) Carbon tetrachloride	8.06	117	271204	30.150	ug/L	98
34) Benzene	8.32	78	692351	28.337	ug/L	100
35) Trichloroethene	9.09	95	181060	27.811	ug/L	97
36) Methylcyclohexane	9.33	83	307069	27.262	ug/L	97
40) 1,2-Dichloropropane	9.37	63	176911	28.217	ug/L	100
41) Bromodichloromethane	9.64	83	248369	28.590	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	283898	27.801	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	277206	48.793	ug/L	99
44) Toluene	10.38	91	758305	28.386	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	246788	27.782	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	133270	26.644	ug/L	97
47) Tetrachloroethene	10.86	164	144145	26.203	ug/L	98
49) 2-Hexanone	10.97	43	208687	52.153	ug/L	100
50) Dibromochloromethane	11.13	129	164687	26.671	ug/L	98
51) 1,2-Dibromoethane	11.23	107	131718	25.976	ug/L	97
52) Chlorobenzene	11.66	112	478720	27.940	ug/L	99
53) Ethylbenzene	11.73	91	869620	28.955	ug/L	99
54) m,p-Xylene	11.84	106	326058	28.575	ug/L	93
55) o-xylene	12.16	106	314213	28.227	ug/L	98
56) Styrene	12.18	104	546770	28.788	ug/L	96
57) Isopropylbenzene	12.46	105	884125	29.649	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	178916	26.514	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	132967	26.552	ug/L	99
62) Bromoform	12.35	173	99612	25.514	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	367754	26.705	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	387052	27.185	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	356463	27.142	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	31151	24.202	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	283647	26.407	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	227079	25.168	ug/L	99
69) Naphthalene	15.37	128	450178	24.066	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	210214	24.875	ug/L	98

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