Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
Data File : VV022244.D
Acq On : 20 Sep 2021 19:51
Operator : SY/MD
Sample : M3778-05MSD 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 21 04:46:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 21 04:41:26 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E4587MSD

Manual Integrations APPROVED
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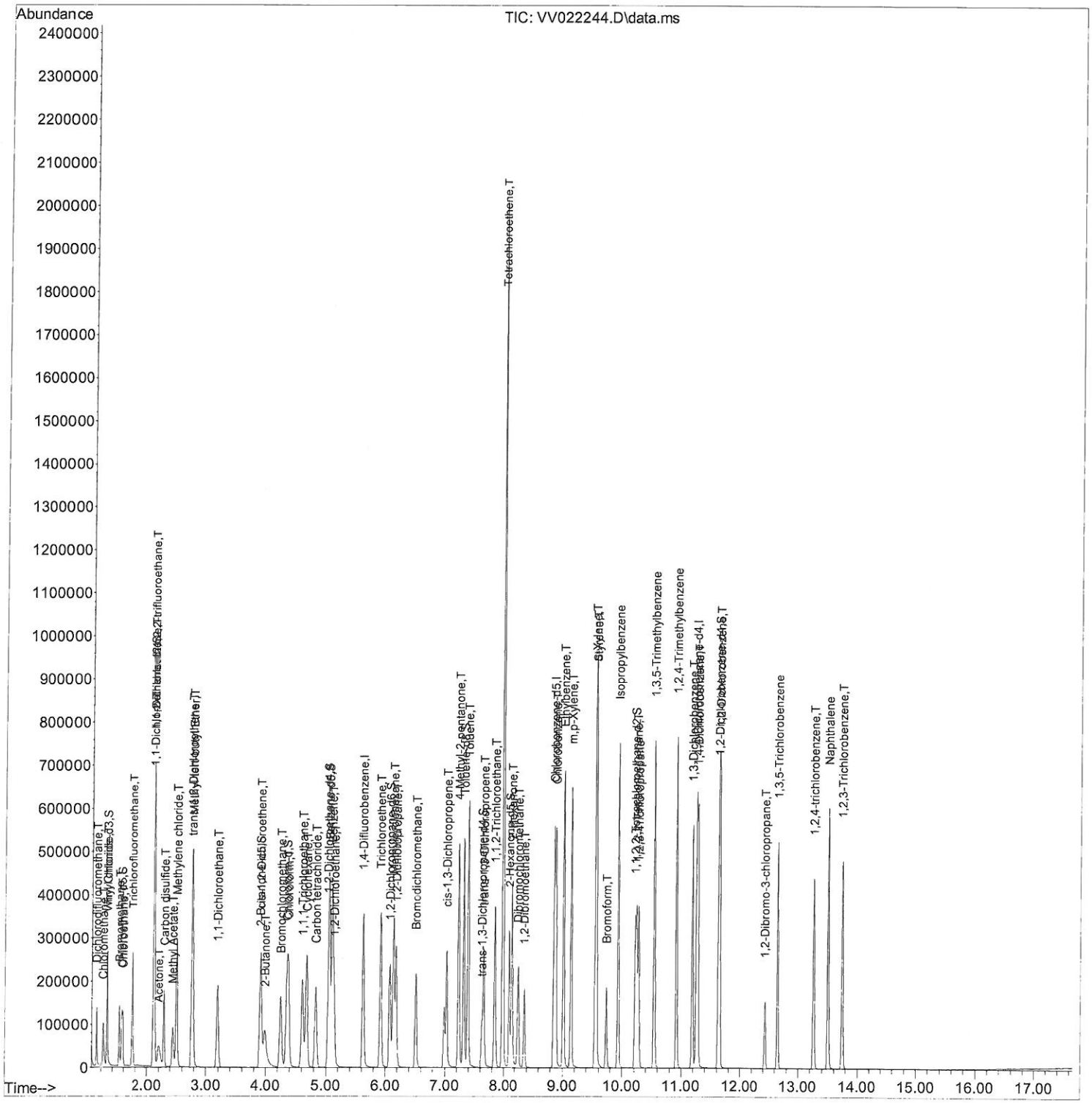
9/21/2021 1:51:06 PM



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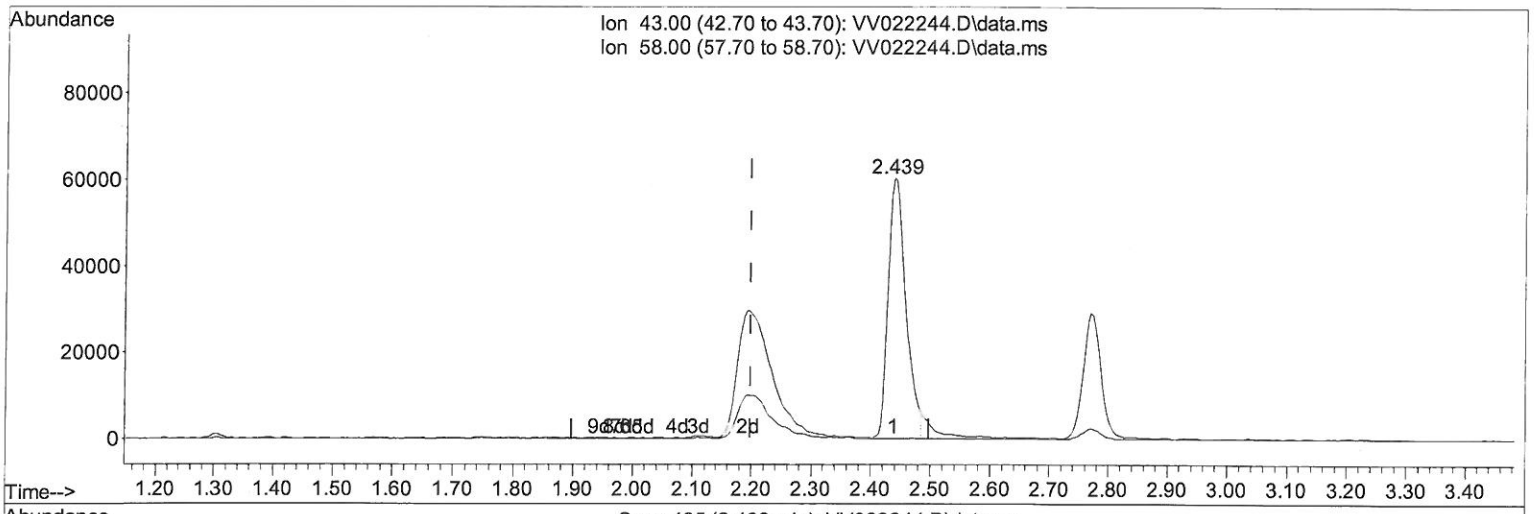

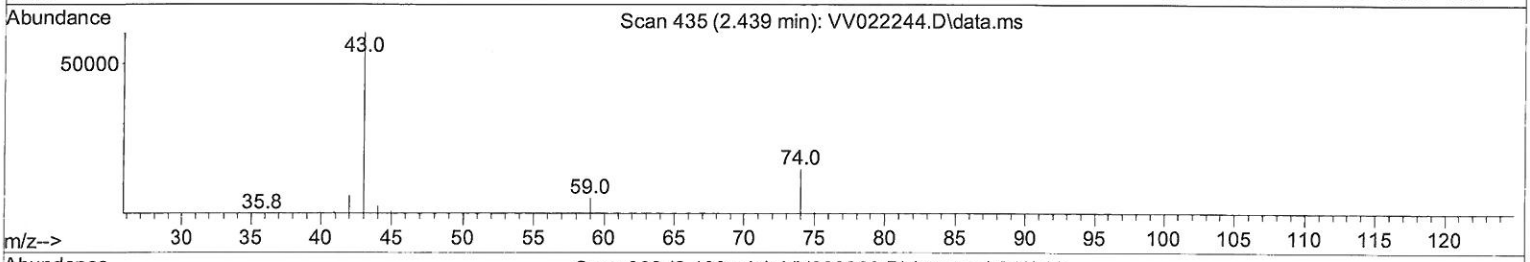

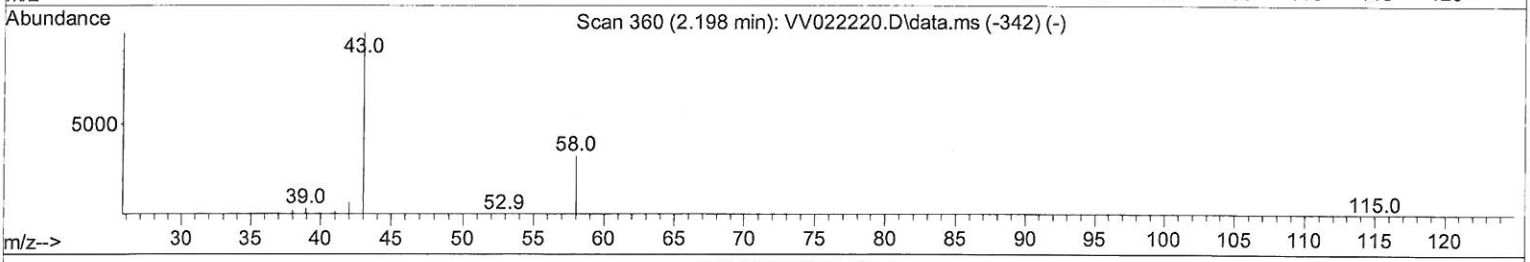

TIC: VV022244.D\data.ms

(13) Acetone (T)

2.439min (+ 0.241) 96.96 ug/L

response 122586

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.04
0.00	0.00	0.00
0.00	0.00	0.00

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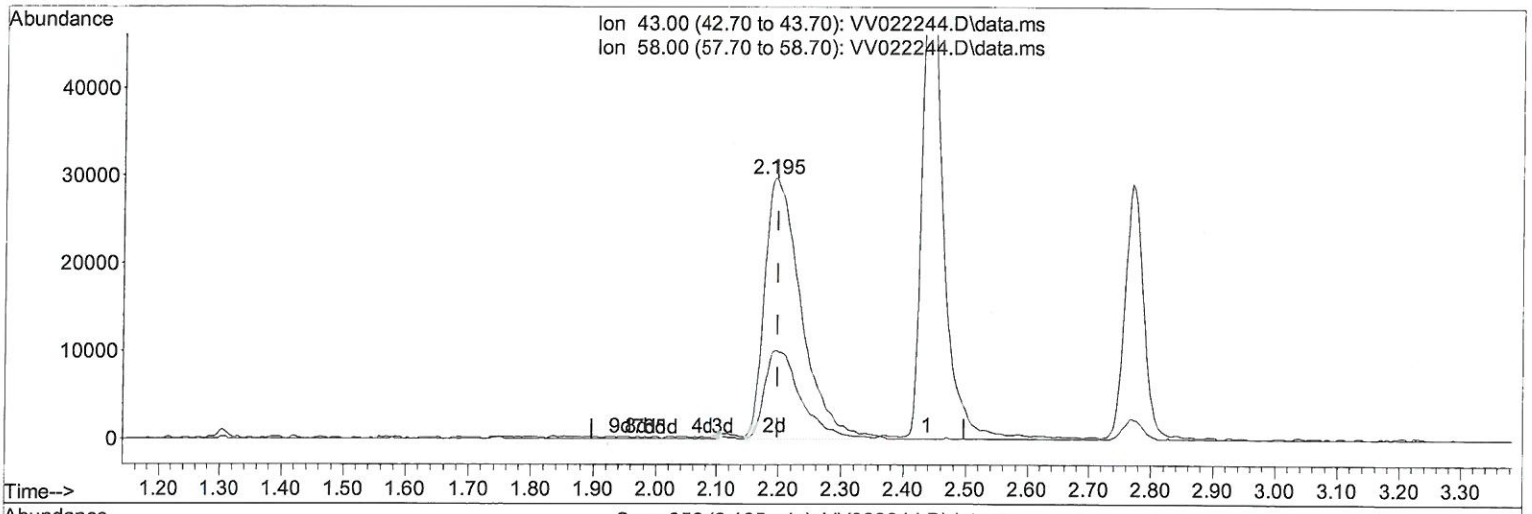

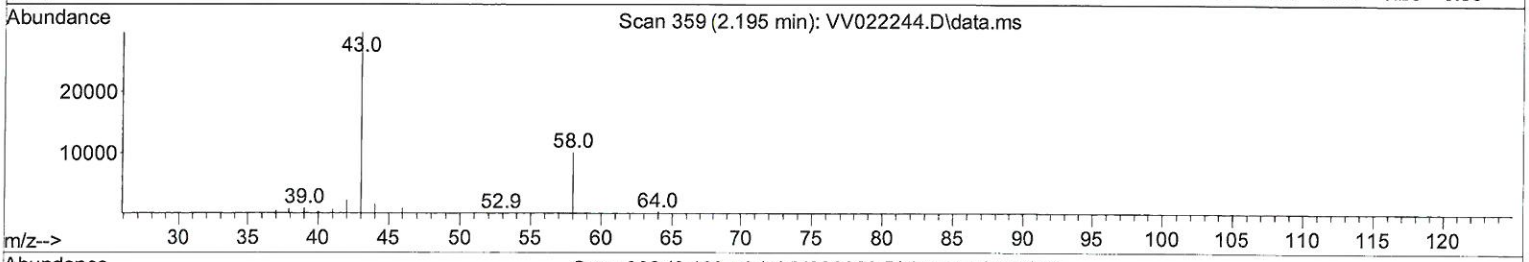

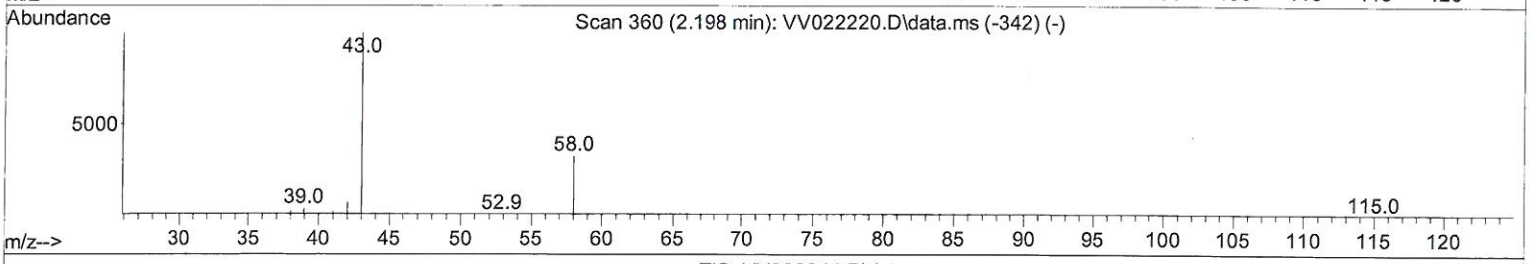

TIC: VV022244.D\data.ms

(13) Acetone (T)

2.195min (-0.003) 95.57 ug/L m > MD 9/22/21

response 120838

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.04
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	317722	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	302175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	156932	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93230	42.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.740%			
7) Chloroethane-d5	1.564	69	77458	45.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.160%			
11) 1,1-Dichloroethene-d2	2.105	63	179318	49.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.560%			
21) 2-Butanone-d5	3.902	46	162420	107.636	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.640%			
24) Chloroform-d	4.352	84	193262	48.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.340%			
26) 1,2-Dichloroethane-d4	5.034	65	114689	48.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.060%			
32) Benzene-d6	5.053	84	383842	46.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.660%			
36) 1,2-Dichloropropane-d6	6.072	67	121338	47.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.160%			
41) Toluene-d8	7.317	98	353799	45.729	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.460%			
43) trans-1,3-Dichloroprop...	7.625	79	54012	44.027	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.060%			
47) 2-Hexanone-d5	8.091	63	111297	112.536	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.540%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162871	49.338	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.680%			
66) 1,2-Dichlorobenzene-d4	11.625	152	136423	44.220	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	74155	33.954	ug/L	100
3) Chloromethane	1.240	50	83189	35.972	ug/L	99
5) Vinyl chloride	1.307	62	92561	39.711	ug/L	98
6) Bromomethane	1.519	94	62084	44.302	ug/L	99
8) Chloroethane	1.584	64	62113	42.597	ug/L	100
9) Trichlorofluoromethane	1.751	101	148097	44.617	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	93720	48.138	ug/L	98
12) 1,1-Dichloroethene	2.114	96	85967	46.908	ug/L	95
13) Acetone	2.195	43	120838m	95.574	ug/L	
14) Carbon disulfide	2.291	76	199963	36.160	ug/L	99
15) Methyl Acetate	2.439	43	128495	52.187	ug/L	99
16) Methylene chloride	2.506	84	124892	50.864	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	98680	44.533	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	344819	48.969	ug/L	99
19) 1,1-Dichloroethane	3.191	63	193937	49.140	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	114830	46.560	ug/L	100
22) 2-Butanone	3.985	43	176981	99.583	ug/L	99
23) Bromochloromethane	4.252	128	62727	47.758	ug/L	97

MD 9/22/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.378	83	204174	48.871 ug/L	96
27) 1,2-Dichloroethane	5.133	62	146220	52.212 ug/L	99
29) Cyclohexane	4.680	56	141137	41.783 ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	171873	47.857 ug/L	99
31) Carbon tetrachloride	4.831	117	143085	46.373 ug/L	99
33) Benzene	5.101	78	421650	47.961 ug/L	100
34) Trichloroethene	5.915	95	123162	49.457 ug/L	99
35) Methylcyclohexane	6.133	83	149390	41.035 ug/L	100
37) 1,2-Dichloropropane	6.175	63	112095	49.188 ug/L	100
38) Bromodichloromethane	6.513	83	143356	49.189 ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	161035	45.768 ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	341959	110.682 ug/L	99
42) Toluene	7.390	91	453511	47.795 ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156185	47.695 ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	118374	51.050 ug/L	99
46) Tetrachloroethene	7.976	164	457809	236.428 ug/L	97
48) 2-Hexanone	8.143	43	268021	111.808 ug/L	96
49) Dibromochloromethane	8.249	129	121405	48.913 ug/L	98
50) 1,2-Dibromoethane	8.355	107	121995	49.022 ug/L	100
51) Chlorobenzene	8.882	112	299343	46.922 ug/L	99
52) Ethylbenzene	9.014	91	472924	46.042 ug/L	98
53) m,p-Xylene	9.140	106	184887	46.310 ug/L	99
54) o-Xylene	9.545	106	185762	47.025 ug/L	97
55) Styrene	9.561	104	324482	48.132 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	177970	52.973 ug/L	100
59) Bromoform	9.734	173	83421	50.049 ug/L	99
60) Isopropylbenzene	9.934	105	484398	49.123 ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	148677	54.664 ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	393739	47.561 ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	401761	47.746 ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	230616	46.062 ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	232911	45.462 ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	241577	48.595 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	34739	52.996 ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	160114	42.769 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	137142	41.643 ug/L	100
71) Naphthalene	13.503	128	468190	49.422 ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	147798	46.012 ug/L	100

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