Quantitation Report (QT Reviewed)

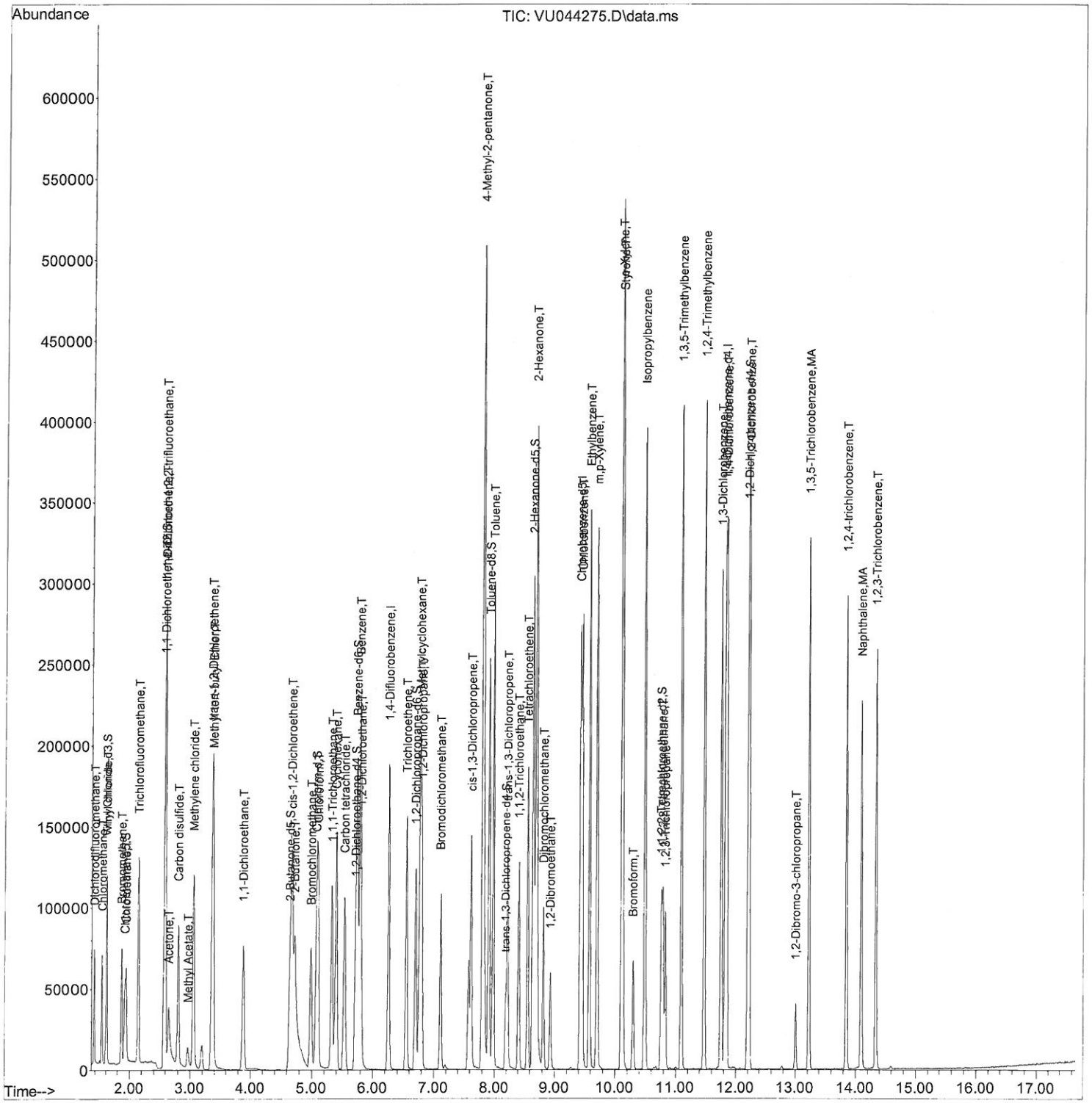
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044275.D
Acq On : 01 Jul 2021 10:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 02 01:39:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 01 02:36:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC005

Manual Integrations APPROVED

SAM
7/5/2021 9:37:15 AM



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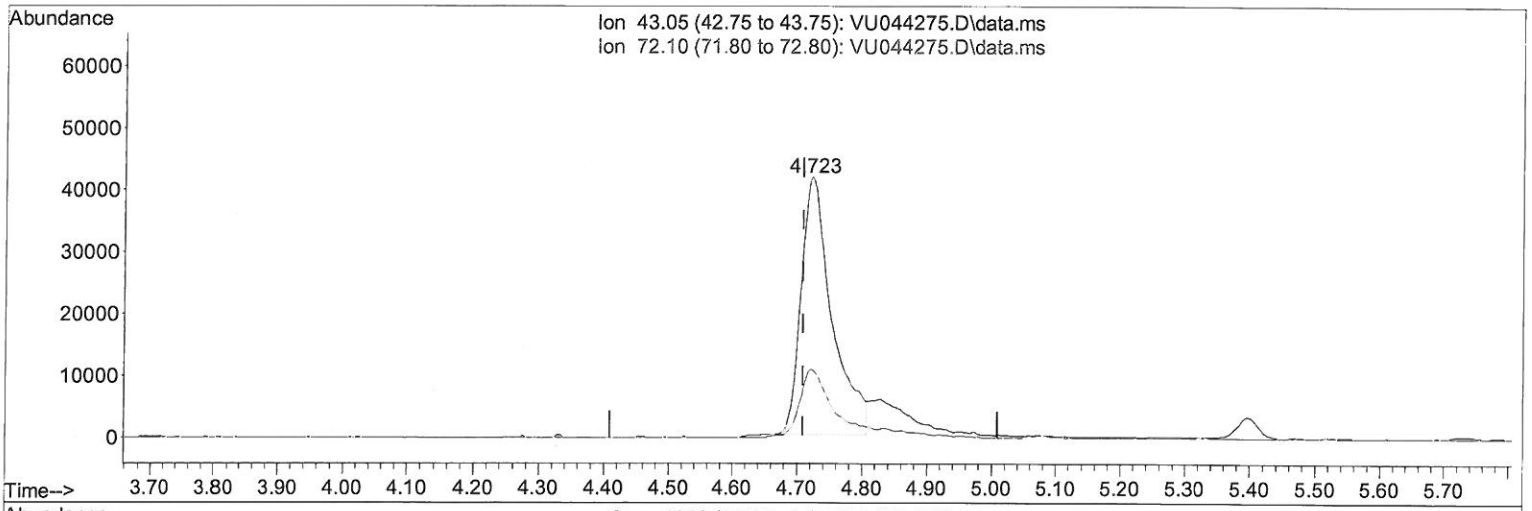

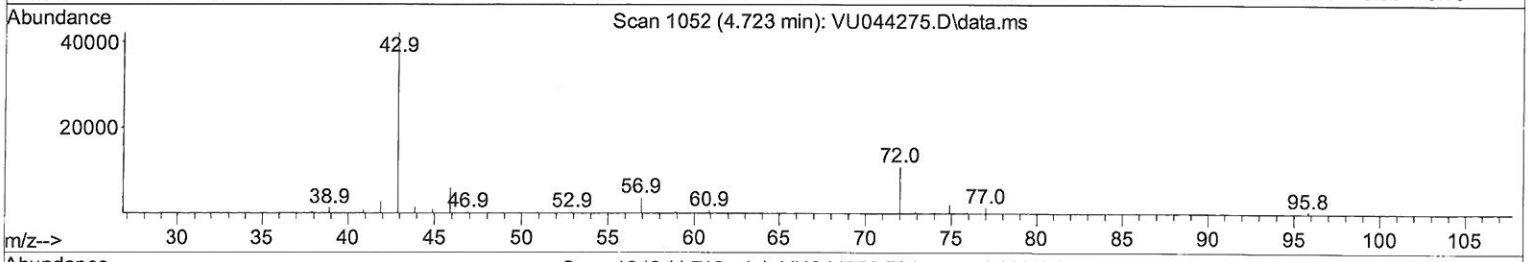

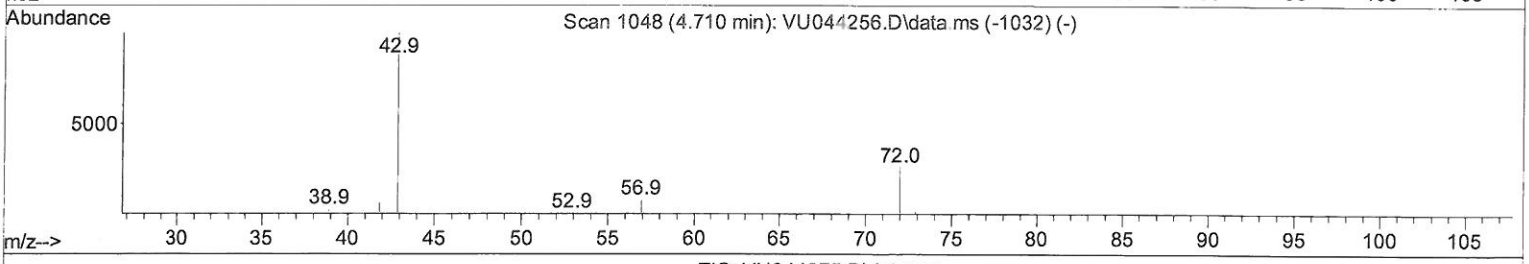

TIC: VU044275.D\data.ms

(21) 2-Butanone (T)

4.723min (+ 0.013) 45.28 ug/L

response 137168

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.70	28.78
0.00	0.00	0.00
0.00	0.00	0.00

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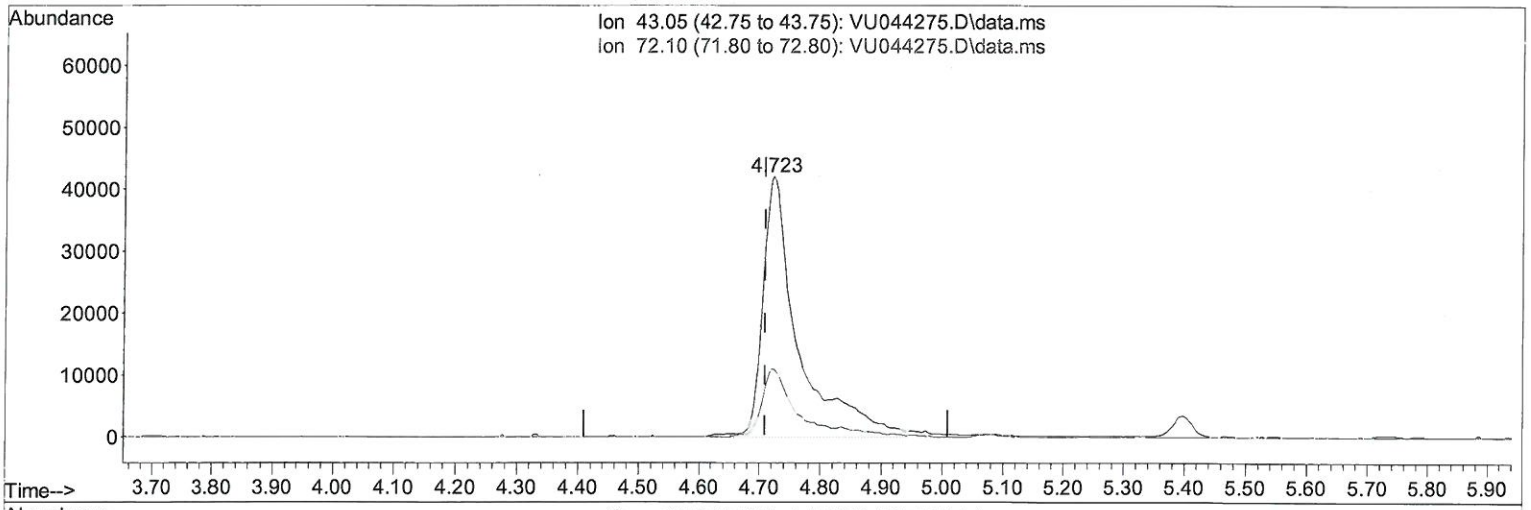

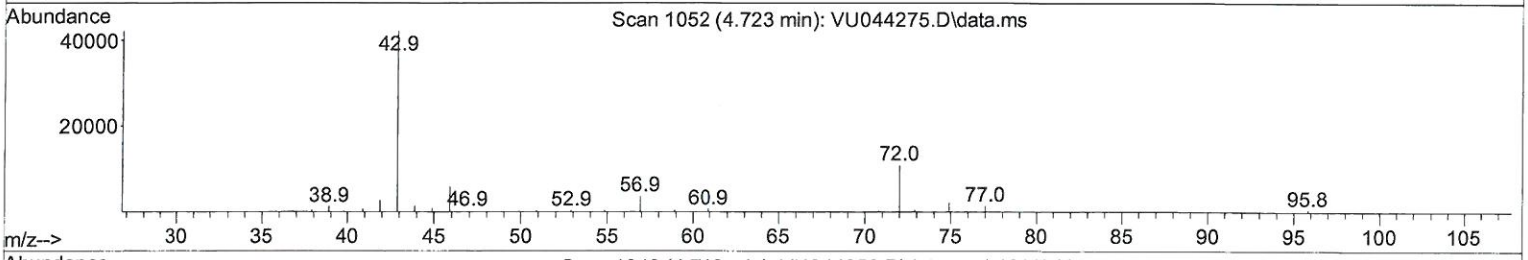

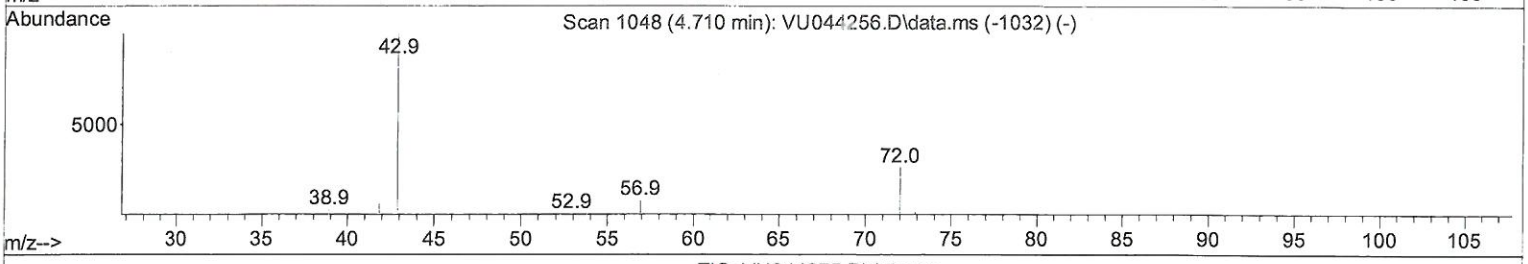

TIC: VU044275.D\data.ms

(21) 2-Butanone (T)

4.723min (+ 0.013) 56.06 ug/L m

response 169821

md 7/12/21

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.70	23.25
0.00	0.00	0.00
0.00	0.00	0.00

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SAM
7/5/2021 9:37:15 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	149585	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	140382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	80541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33697	4.161	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.200%			
7) Chloroethane-d5	1.919	69	35591	4.463	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.200%			
11) 1,1-Dichloroethene-d2	2.575	65	17846	4.293	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.800%			
20) 2-Butanone-d5	4.643	46	156906	52.611	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.220%			
24) Chloroform-d	5.073	84	88886	4.875	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
26) 1,2-Dichloroethane-d4	5.710	65	50756	4.657	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	5.736	84	171673	4.924	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
36) 1,2-Dichloropropane-d6	6.700	67	56925	5.038	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.800%			
41) Toluene-d8	7.906	98	160977	4.976	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
43) trans-1,3-Dichloroprop...	8.186	79	24338	4.644	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.800%			
46) 2-Hexanone-d5	8.642	63	131798	52.798	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.600%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	51224	5.099	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	12.199	152	68838	5.187	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	40213	4.565	ug/L	99
3) Chloromethane	1.524	50	44422	4.360	ug/L	99
5) Vinyl chloride	1.607	62	48850	4.621	ug/L	98
6) Bromomethane	1.865	94	31023	4.576	ug/L	100
8) Chloroethane	1.939	64	34151	4.748	ug/L	100
9) Trichlorofluoromethane	2.144	101	78816	5.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	45552	5.141	ug/L	98
12) 1,1-Dichloroethene	2.588	96	40507	4.690	ug/L	95
13) Acetone	2.649	43	78735	59.044	ug/L	91
14) Carbon disulfide	2.800	76	106455	4.002	ug/L	98
15) Methyl Acetate	2.964	43	17945	4.790	ug/L	97
16) Methylene chloride	3.054	84	55924	4.804	ug/L	97
17) Methyl tert-butyl Ether	3.376	73	129012	5.037	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	44146	4.802	ug/L	100
19) 1,1-Dichloroethane	3.881	63	88188	5.029	ug/L	99
21) 2-Butanone	4.723	43	169821m	56.057	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	51127	5.083	ug/L	96
23) Bromochloromethane	4.987	128	23797	5.194	ug/L	89

JMD 7/12/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.099	83	92211	4.925	ug/L	99
27) 1,2-Dichloroethane	5.803	62	64014	5.129	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	82661	5.227	ug/L	99
30) Cyclohexane	5.395	56	75617	4.635	ug/L	98
31) Carbon tetrachloride	5.533	117	72141	5.353	ug/L	97
33) Benzene	5.784	78	187489	5.091	ug/L	100
34) Trichloroethene	6.549	95	51140	5.128	ug/L	95
35) Methylcyclohexane	6.771	83	80670	4.899	ug/L	98
37) 1,2-Dichloropropane	6.800	63	52633	5.412	ug/L	100
38) Bromodichloromethane	7.112	83	70367	5.146	ug/L	99
39) cis-1,3-Dichloropropene	7.614	75	83330	5.218	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	416172	53.246	ug/L	100
42) Toluene	7.977	91	209642	5.169	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	75409	5.149	ug/L	98
45) 1,1,2-Trichloroethane	8.408	97	39260	5.363	ug/L	99
47) Tetrachloroethene	8.559	164	38912	5.277	ug/L	97
48) 2-Hexanone	8.694	43	300920	54.634	ug/L	98
49) Dibromochloromethane	8.816	129	50735	5.460	ug/L	99
50) 1,2-Dibromoethane	8.932	107	37897	5.359	ug/L	98
51) Chlorobenzene	9.453	112	137774	5.304	ug/L	99
52) Ethylbenzene	9.578	91	243546	5.202	ug/L	99
53) m,p-Xylene	9.700	106	93462	5.272	ug/L	100
54) o-Xylene	10.105	106	91890	5.332	ug/L	100
55) Styrene	10.121	104	159992	5.294	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	52152	5.369	ug/L	99
59) Bromoform	10.298	173	29323	5.143	ug/L	96
60) Isopropylbenzene	10.491	105	252821	5.162	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	38748	5.329	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	221171	5.183	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	226501	5.189	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	120522	5.452	ug/L	97
65) 1,4-Dichlorobenzene	11.842	146	118637	5.322	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	112922	5.431	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10108	5.322	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	96037	5.700	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	84600	5.929	ug/L	99
71) Naphthalene	14.092	128	176845	6.846	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	75969	6.165	ug/L	100

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